

Recreation Management Support Program

Recreation Visitor Spending Profiles and Economic Benefit to Corps of Engineers Projects

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ABSTRACT: The U.S. Army Corps of Engineers (CE) is the largest federal provider of water-based recreation. It manages over 450 water resource development projects throughout the United States. These lake and river projects provide significant recreation opportunities and benefits to visitors and local residents, accommodating over 385 million person visits in 1999.

The purposes of this research are to develop visitor spending profiles and to estimate local and national economic effects of spending by visitors to CE projects. A visitor survey was conducted in the summer of 1999 through early 2000 at 16 CE projects across the nation. The survey was administered by the Engineer Research and Development Center of the U.S. Army Corps of Engineers and the Department of Park, Recreation and Tourism Resources at Michigan State University, with assistance from managers and staff at all 16 participating CE projects.

Segmented spending profiles were developed that can be tailored to project-level spending based on regional visitation data. Total recreation visitation was estimated by using information gathered from this study and from the Natural Resource Management System database. Economic effects of CE visitor spending were estimated by applying visitor spending and use data to regional economic multipliers generated from economic input-output models. These results provide a database for further analyses and improvements in future studies like these.

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Preface

The work reported herein was conducted as a part of the Recreation Management Support Program (RMSP). The RMSP is sponsored by the Headquarters, U.S. Army Corps of Engineers (HQUSACE), and is assigned to the U.S. Army Engineer Research and Development Center (ERDC) under the purview of the Environmental Laboratory (EL). Funding was provided under Department of Army Appropriation No. 96X3123, Operation and Maintenance. The RMSP was managed by Ms. Judy Rice, HQUSACE.

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1 Introduction

The U.S. Army Corps of Engineers (CE) is the largest federal provider of water-based recreation. It manages over 450 water resource development projects (hereafter referred to as "projects") throughout the United States. These lake and river projects provide significant recreation opportunities and benefits to visitors and local residents, accommodating over 385 million person visits in 1999 ("Natural Resource Management System (NRMS) 2000"). Spending by visitors on goods and services associated with the CE recreation program has an important influence on economic development in many regions of the United States and is an important component of the nation's economy (Jackson et al. 1996).

The most recent nationwide study found that in 1996 about \$5.6 billion was spent by CE recreation visitors on trips within 30 miles (48 km) of all CE projects. This spending resulted in \$2 billion in income and over 120,000 jobs in industries directly providing goods and services to CE visitors. Secondary effects of CE visitor spending accounted for an additional \$1.3 billion in income and 53,000 jobs (Propst et al. 1998).

Economic effects of CE recreation visitor spending have also been estimated at regional and state levels. At the regional level, economic effects of visitor spending for 12 individual projects (Propst et al. 1995a-f; Stynes et al. 1995a-f) and the Upper Mississippi River System (Carlson et al. 1995) were estimated. State level economic effects stemming from both trip and durable goods expenditures were estimated by Jackson et al. (1996).

Reliable estimates of the regional effects of recreation require precise and current measures of money spent by visitors while engaged in recreation-related activities to CE projects. Visitor expenditures are typically arrayed as "spending profiles," which are vectors of average amounts spent (for itemized goods and services) in conjunction with recreational visits to CE projects. Nationally representative visitor spending profiles were developed from survey data collected during 1989 and 1990 at a sample of 12 CE projects (Propst et al. 1992). The results of the 1989-90 survey indicate that spending patterns were highly variable across visitor segments. Significant differences in spending patterns were found to be associated with whether visitors stayed overnight during their visit, the type of lodging they used, boat usage, and whether visitors lived within or outside the county or counties in which the site was located. Results from the 1992 report provide information useful in developing effective sampling strategies for the survey employed in this study.

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The purposes of this research are to update the Propst et al. (1992) spending profiles and to estimate local and national economic effects of spending by visitors to CE projects. Segmented spending profiles were developed that can be tailored to project-level spending based on regional visitation data. These spending profiles can then be used for economic impact analysis to estimate how visitor spending benefits regions surrounding CE projects.

To update the spending profiles, a sample of visitors from 16 CE projects reported the amounts they spent for goods and services during their trips to the projects. Spending averages were computed and multiplied by visitation statistics to estimate total annual visitor spending. Generalized spending profiles were developed for two sets of visitor segments: (1) campers, other overnight visitors, and day users, and (2) boaters and nonboaters. These profiles were applied to recreation use data gathered from this survey and from the NRMS to estimate total spending by each segment for each of the 456 CE projects. Sales, income, and employment effects within the local region surrounding each of the 456 CE projects were estimated by applying total visitor spending to regional economic multipliers. The national economic effects were estimated by applying total CE spending to the Micro-Implan Recreation Economic Impact (MI-REC) (Stynes, and Propst 1996; Chang and Propst 2000) and Impact Analysis for Planning (IMPLAN) (Minnesota IMPLAN Group, Inc. 1999) systems.

Note that the term "economic effects" rather than "economic impacts" is used in this study for the economic benefits associated with visitor spending. This is to distinguish two kinds of economic impact analyses identified in previous papers as "significance" and "impact" analysis (Stynes and Propst 1992):

- Significance analysis identifies the overall contribution of visitor spending to the region. How much of the sales, income, and employment in the area is associated with visitor spending? No attempt is made here to use a "with vs. without" framework. All spending of recreation visitors associated with their visits to the lakes, including spending by both local residents and tourists, can be included.
- Impact analysis identifies the changes in economic activity within the region that results from some action. The spending and related economic activity included in an impact analysis rest on a clear "with vs. without" framework. Only spending that would not otherwise have occurred in the region should be counted (Stynes et al. 2000).

Since the economic impact estimates in this report include the overall contribution of visitor spending from both residents and nonresidents (i.e., a significance analysis), the term "economic effects" is used to indicate that this is not a "pure" economic impact analysis where only effects from new money (i.e., nonresidents) are included.

The remaining report is divided into four sections. The methods section describes the sampling design and approaches used to measure recreation spending and economic effects. The results section reports visitation, spending profiles,

and economic effects for regions surrounding CE projects and the United States as a whole. The limitation section includes issues related to the data analysis and measurement approaches used in this study. The applications and recommendations section provides guidelines and options for applying these results, including local- (project-) level economic impact analysis. Suggestions for improving the credibility of spending profiles and economic impact analysis are also identified in this section.

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Survey Site Selection

A total of 16 projects were selected for this study. The site selection procedures were as follows:

- a. All 456 CE projects were assigned to one of four groups based on a classification system developed by Becker (1997). In Becker's study, a total of 108 highly visited CE projects were grouped into three categories based on the number of retail establishments and population of the surrounding areas. Five other projects were later added bringing the total to 113 (see Appendix A). The remaining 343 projects were categorized as the fourth group. Projects of the first three groups accounted for 67 percent of CE's total visitation in 1996.
- b. Eight projects were randomly selected from each of the four groups with the possibility of selection proportional to visitation (32 projects were selected at this point).
- c. Project managers of the 32 projects were asked, in the order in which the projects were selected, to participate in this study. This process was repeated until four project managers in each group agreed to participate. The geographical locations of these 16 projects are shown in Figure 1.

Survey Procedures

Michigan State University (MSU) and the U.S. Army Engineer Research and Development Center (ERDC) developed survey instruments to be used in onsite and mailback surveys (Appendices B and C). Eight hundred surveys were distributed to each of the 16 selected projects across the country. Completed surveys were returned to MSU for processing and analysis. The purpose of the onsite survey was to collect general use data needed for profiling and segmenting of visitors. The purpose of the mailback questionnaire was to measure trip-related expenditures.

Staff at ERDC and MSU visited 4 of the 16 selected projects prior to the survey to provide training materials and observe potential problems. They met with the interviewers (project personnel) and answered questions that they had regarding survey procedures. A website containing survey instructions and

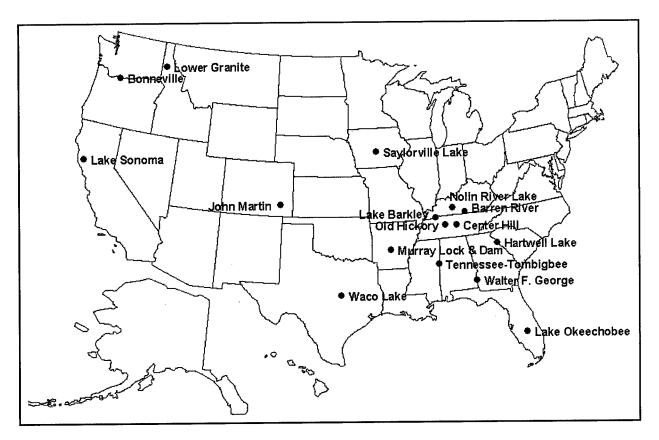


Figure 1. Locations of the 16 CE projects selected for study

frequently asked questions was also developed by MSU staff to assist project managers conducting the survey.

CE personnel distributed and collected the onsite questionnaires and distributed the mailback questionnaires to visitors. During the onsite survey, the CE staff would read the instructions and ask visitors to complete the questionnaire. After completing the questionnaire, those agreeing to complete the mailback portion would receive the survey from CE personnel. Written instructions were provided to the interviewers to follow in obtaining onsite visitor information and distributing mailback questionnaires. These guidelines addressed the allocation of surveys among visitor segments and the random distribution of questionnaires among recreation areas and time periods.

The timeframe for this survey was from June 25 through September 6, 1999, with a total of 24 weekend days and 50 weekdays. A quota of 800 surveys was set for each project. The 800 surveys were distributed among the three market segments according to the following quotas:

- 400 campers (surveyed at campsites).
- 200 boaters (surveyed at boat ramps to both day and overnight visitors).

¹ Except for Lake Okeechobee, which ran through January 2000.

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² Except for Bonneville Lock and Dam. Only 200 surveys were distributed since no camping and boating facilities were available at this project.

 200 other nonboating visitors (surveyed at other day use areas to both day and overnight visitors).

Two thirds of the questionnaires were to be distributed on weekend days and one third on weekdays. Survey quotas were also set for various recreation areas at each project in order to obtain the identified target sample for each of the three market segments. Quotas of surveys for individual recreation areas were proportional to reported visitation based on NRMS.

A primary purpose of this study was to obtain a sufficient sample of each segment in order to develop credible expenditure profiles. Since campers and boaters are in the minority at CE projects in comparison to day use nonboaters, these two large categories of visitors were purposefully oversampled out of proportion to their visitation shares. When aggregated visitor information was reported (i.e., party size for all visitors rather than just a given segment), the overall averages were weighted by the 1999 NRMS visitation data for each segment. This was done to convert the survey data into nationally representative information pertaining to CE recreation visitors.

A survey schedule for selected recreation areas at each project was developed. The quota was five visitors per day on a randomly selected weekday and ten visitors per day on a randomly selected weekend day for each market segment. For example, suppose recreation area A's schedule was:

Rec. Area A	Weekday	Weekend
Camper	6/30	6/27 8/15
Boater	7/13 7/19	7/25

In this case, 5 campers were to be sampled on June 30 (weekday), 10 campers on both June 27 and August 15 (weekend). Five boaters were to be sampled on both July 13 and July 19 and 10 boaters on July 25. In this example, the total number to be sampled for weekday campers was 5, weekend campers 20, weekday boaters 10, and weekend boaters 10.

Instructions were provided to interviewers on how and where to approach visitors in each of the three segments. Interviewers were asked to obtain the list of campers scheduled to depart on the sampled day from a given campground and randomly draw their samples from the list. CE personnel were informed of the importance of distributing the questionnaires on visitors' departure days to eliminate the sampling bias caused by the length of stay. In other words, by sampling only on departure days, researchers eliminated the situation where those who camped longer had a higher chance of being selected.

Instructions were also provided for sampling boaters and other nonboating visitors. In general, boaters and other nonboating visitors were surveyed when they were leaving the recreation areas. Boaters were to be surveyed after they pulled their boats out of the water at the boat ramp and were making preparations to depart. Other nonboating visitors were to be surveyed in the parking lot when they were preparing to leave. This was done so that every visitor party had an

equal chance of being sampled regardless of their length of stay in the recreation areas.

Survey Instruments

Visitor characteristics and trip information were gathered through the onsite surveys while trip spending was measured through the mailback surveys. The CE visitors interviewed onsite were asked questions regarding their current trips such as party size, expected length of stay, and primary purpose (Appendix B). The respondents were asked to report trip spending on the mailback questionnaires after they returned to their homes. Ten spending categories were provided on the mailback questionnaires for trip expenses on lodging, food, transportation, recreation, and other goods or services (Appendix C).

Data Cleaning and Editing

Several rules were set for data cleaning and editing. These rules were made to ensure consistency in data analysis and to filter out extreme numbers (outliers) that would have distorted the results. Reasons for data editing and elimination of cases are described in Appendix D.

Recreation Visits by Segment

Per person trip visits by segment were estimated using the information gathered from this survey and the 1999 Project Recreational Use (PR_USE) database and the 1998 Current Use Fee Area Information (CUR FEE), Open Facilities (OPEN FC), and Recreation Area (AR MAIN) databases1 from the NRMS. The total number of visitors, number of day users, and percentage of boaters were obtained from the PR_USE database, while the number of campers was estimated from the CUR_FEE, OPEN_FC, and AR_MAIN databases. The PR USE database contains a project-level reporting of total visitation in person trips (visits) and the percentages of campers and boaters among all visitors. These percentages were based on surveys and therefore subject to sampling and other survey errors. Not all projects have conducted surveys in recent years and therefore the estimates may be dated if visitation patterns have changed over time. CUR_FEE contains a site-by-site reporting of all the revenues and fees collected and the number of designated campsites where fees were charged. CUR FEE was thought to be a more accurate measure of camping visitation than PR_USE because CUR_FEE is based on fees collected and is updated annually whereas PR USE is based on traffic estimates applied to survey weights conducted in the past. The OPEN_FC database contains the number of all campsites regardless of whether fees were charged in each recreation area for both CE- and non-CE-managed sites. The AR_MAIN database contains information about the

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¹ The latest available CUR FEE database was 1998.

² Results from the CE Traffic-Stop Recreation Use Surveys reported in the Visitor Estimation and Reporting System were the main sources of these percentages.

managing agency for individual recreation areas. The OPEN_FC and AR_MAIN databases were used to estimate the number of campers who stayed at non-CE-managed campgrounds.

In order to estimate total number of campers at each project, total campground use fee revenues (CG_FEE_REV, a field within the 1998 CUR_FEE database) were divided by an average fee per night to estimate the number of camping nights. An average fee of \$8 per campsite per night was used taking into account fees at sites with and without electricity, fees at CE-managed and non-CE-managed facilities, and discounts for holders of Golden Age and Golden Access Passports. Camp nights at CE-managed sites were then expanded to include non-CE-managed sites by assuming similar occupancy rates at CE- and non-CE-managed sites. The estimated 1998 camper visitations were then projected to 1999 by using the ratios of 1999 to 1998 camper visits from the PR_USE database. The total CE camping visitation was 7.3 million party days estimated from the revenue data (Table 1), an increase of 1 million from the 1996 estimate (Propst et al. 1998).

Table 1 Summary of Recr	eation	Visits to	CE Pr	ojects, 1	999 ¹		
	С	amper	Da	ay User	Other	Overnight ²	
Visitation	Boat	Nonboat	Boat	Nonboat	Boat	Nonboat	Total
Visits (person trips, MM)	1.2	4.3	80.8	288.1	2.4	8.6	385.5
Average Length of Stay (days)	4.2	3.8	-	-	2.4	3.0	-
Average Party Size (persons)	3.5	2.8	2.8	2.8	3.3	2.5	-
Visits (party days, MM)	1.4	5.9	29.0	104.1	1.8	10.5	152.8

The number of campers in party nights (camp nights) was then converted to camper "visits" using an average camper length of stay of 4.2 nights and party size of 3.5 for boaters and 3.8 nights and 2.8 people for nonboaters gathered from this study. The formula for converting camper party nights to camper person trips is as follows:

Assumes that 3 percent of day users stayed overnight in lodging accommodations outside of

project boundaries.

Person trips = Party nights × Average Party Size / Average Length of Stay

Camper party nights must be converted to person visits to be consistent with the units for which total and day use visitation are reported in the NRMS system (PR_USE database). A "visit" is defined as the entry of one person onto a CE project to engage in one or more recreational activities regardless of the length of stay. As used in this study, a "person trip" is equivalent to a "visit." Total CE camping visitation nationally was 30.2 million visits (person trips) in 1999 based on the PR_USE database, whereas camping visitation derived from the CUR FEE database was only 5.5 million person trip visits. The PR_USE

database estimate was more than five times the revenue-based estimate (Table 1).1

The number of day use visits was derived by subtracting the revenue-based estimate of camper visits from total visits contained in the NRMS PR_USE database. Three percent of day users were set aside as other overnight visitors based on the survey results from this study. Visitors who stay in hotels, motels, vacation homes, friends and relatives, and other off-project lodging accommodations but visit the project for part of a day are treated as day users in the NRMS database. Since these "other overnight" visitors have significantly different spending patterns than typical day users (Propst et al. 1992), it is important to separate them from day users to estimate total spending. In the past, no information was available to estimate the percentage of day users staying overnight in the area. Following the assumption made in the 1994 study (Jackson et al. 1996), 1 percent of day users was set aside as other overnight visitors for the 1996 estimates (Propst et al. 1998). However, this percentage was adjusted upward to 3 percent in this study based on the new 1999/2000 survey information.

Campers, day users, and other overnight visitors were further divided into boaters and nonboaters based upon the proportion of boaters reported by each project in the 1999 NRMS database. This approach resulted in six visitor segments:

- Campers who boat.
- Campers who do not boat.
- Day users who boat.
- Day users who do not boat.
- Other overnight visitors who boat
- Other overnight visitors who do not boat.

Estimates of the number of visitors for each segment in person trips (visits) were converted to party days using average lengths of stay and party sizes for each segment (Table 1). The conversion to party days allows comparisons with previous studies (Propst et al. 1992, 1998).

Visitor spending was originally measured in party trips. To be compatible with NRMS data, all spending was converted to a per person trip basis. This conversion has the practical advantage of making the spending data more usable by project managers.

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¹ The revenue-based estimate of camper visits in 1996 was 7.7 million. The reason for the difference (higher estimates in party days but lower in person trips when comparing the 1999 estimates to the 1996 estimates) was that different factors were used to convert camper party days to person trips. An average camper length of stay of 2.8 days and party size of 3.4 were used for the 1996 estimate. Because longer length of stay and smaller party size figures were used in this study compared to the 1996 study, the resulted estimates of camper person trips were smaller than the 1996 estimates.

Visitor Spending by Segment

Spending profiles for each of the six segments were developed. Trip spending included spending on goods and services consumed during a trip such as gasoline, food, and lodging in 10 spending categories. Expenditures for durable goods (items like boats and recreation vehicles that are used on multiple trips) were not included. Trip spending within 30 miles and outside 30 miles of the projects was estimated for each segment.

Due to the low response rates at some projects, the visitor segments were reduced to three (camper, day user, and other overnight visitor) when reporting spending profiles at the project level. The boater and nonboater segments were combined based on NRMS visitation shares so there would be a larger sample in each segment. The segmented visitor spending profiles (three segments) were estimated for three projects, Saylorville Lake, Barren River Lake, and John Martin Dam, where there were at least 10 surveyed visitors in each segment.

Estimates of Economic Effects

Four components are needed to estimate economic effects: recreation spending, visitor use estimates, capture rates, and economic multipliers (Jackson et al., 1992).

Economic effects = Number of visits × Average spending per visit × Capture rate × Regional economic multiplier

For this report, the first two components were derived from the surveys and the NRMS database. Capture rates and economic multipliers were generated by the IMPLAN system. IMPLAN is a microcomputer-based input-output (I-O) modeling system that was originally developed by the U.S. Department of Agriculture, Forest Service, as a DOS application. It is currently maintained by the Minnesota IMPLAN Group Inc., which has modified IMPLAN to fit the WindowsTM environment (Minnesota IMPLAN Group, Inc. 1999).

Local economic multipliers

Multipliers for regions around CE projects were estimated using regional models constructed with IMPLAN DOS version 91-F. These multipliers were estimated for a previous study that estimated local impacts of visitor spending at CE projects in 1996 (Propst et al. 1998; Becker 1997). Counties within a 30-mile radius of 108 projects were used as study regions (see Becker 1997 for details). An I-O model was estimated for each of these regions using the 1990 IMPLAN databases. Next, a national average recreation spending profile was applied to each model--with 100,000 visits as a consistent level of recreation use--and the various aggregate multipliers were then calculated from the impact analysis. These multipliers reflect the structural economic characteristics of each region. All the multipliers were price-adjusted to reflect the current year (1999). For

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details on how local economic multipliers were estimated, refer to Propst et al. (1998).

The "average" project has a capture rate of 66 percent (Table 2), meaning that, on average, about two thirds of visitor spending in the local region was captured locally as direct sales effects. Direct effects are the changes in sales, income, and jobs in those businesses or agencies that initially receive the visitor spending (e.g., parks, motels, campgrounds, restaurants, grocery stores, attractions, and retail stores). Capture rates varied from 53 to 83 percent, with most projects ranging between 60 and 70 percent. The capture rate is not 100 percent due to an economic impact concept called "leakage." In this case, "leakage" refers to visitor purchases of goods (e.g., gasoline, groceries and souvenirs) that are not manufactured in the local area. Only the retail margins associated with these purchases generally accrue to the local economy. The rest (wholesale, transportation, and manufacturing costs) escapes or "leaks from" the local area to distant intermediate or production sectors.

The Type I multiplier captures the indirect effects besides the direct effects from visitor spending. Indirect effects are the changes in sales, income, and jobs in "backward linked" industries. These are firms that supply goods and services to those businesses that sell directly to the visitor. For example, motels purchase linen supplies, utilities, and other goods and services in the local area in order to provide lodging for the visitors. Indirect effects associated with recreation spending were quite small and exhibited limited regional variation. The average project had a Type I sales multiplier of 1.18, meaning that each dollar of direct sales generated an additional 18 cents in sales in industries that supply goods and services to tourism businesses (i.e., "backward linked" industries). The Type I sales multiplier varied minimally from 1.09 to 1.28 across the 108 projects.

The Type III multiplier captures both indirect and induced effects.² Induced effects are the changes in economic activity in the region resulting from household spending of income earned through the direct or indirect effects of the visitor spending. For example, motel and linen supply employees live in the region and spend some of their earnings on housing, groceries, education, clothing, and other goods and services. This spending will generate new rounds of sales, income, and job effects. The average project had a Type III sales multiplier of 1.66, meaning that each dollar of direct sales generated 18 cents in indirect sales and another 48 cents in induced effects. Type III sales multipliers varied somewhat more than their Type I counterparts from a low of 1.4 to a high of 2.0.

The Type III multipliers used in this and the previous reports were adjusted downward to correct for a bias in the IMPLAN DOS version multiplier procedures. The induced effects estimated in the DOS version of IMPLAN (version 91-F) assumed an average salary associated with each job. As wages in recreation and tourism-related sectors are lower than average, this approach recirculates too much income as induced effects. Therefore, induced effects were

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¹ The Type I multiplier is the ratio of direct plus indirect effects to direct effects.

² The Type III multiplier is the ratio of direct plus indirect plus induced effects to direct effects.

recomputed based on total income generated rather than jobs. For recreation spending, the revised induced effects are about half of those estimated with the standard IMPLAN Type III procedures. The adjusted multipliers are comparable to those from the newer Windows version of IMPLAN when the traditional Type II multipliers are used. However, researchers now recommend the use of the Type SAM multipliers generated by the latest version of IMPLAN-Pro as these most accurately reflect induced effects in outdoor recreation and tourism applications (Stynes et al. 2000).

The SAM framework tracks both market and nonmarket flows. The nonmarket flows are transactions between nonindustrial institutions such as households to government, government to households, and so on. These flows are called "inter-institutional transfers" (Alward and Lindall 1996). Since total personal income is income from all sources, including employment income and transfer payments that are based on both place of work and place of residence, some of this income may not be related to personal consumption expenditures in the region. The SAM multiplier approach enables the model to account for commuting, social security tax payments, household income tax payments, and savings and hence adjusts the Type II multipliers for income that is not normally respent immediately within the region, such as commuting workers who live outside the region and retirement benefits (Minnesota IMPLAN Group, Inc. 2000). The Type SAM multipliers are more conservative than the traditional Type II multipliers for tourism and recreation applications as the induced effects are smaller and are likely more realistic for tourism and recreation applications (Stynes et al. 2000). Researchers have found that Type SAM multipliers are still 10 to 20 percent lower than downwardly adjusted Type III multipliers. Thus, total economic effects in this report may still be inflated by 10 to 20 percent. Type SAM multipliers are not used in this report for project-level impact estimates because the authors wanted to be able to compare the economic effects in this report with comparable data in previous reports (e.g., Propst et al. 1998).

Income and job multipliers were used to convert direct sales to direct, indirect, and induced income and employment effects. Type I income multipliers measure the direct and indirect income associated with each dollar of direct sales, while Type III multipliers also measure the induced effects. For an average project, each dollar of direct sales generated 52 cents in direct income, 9 cents in indirect income (0.61 minus 0.52), and 16 cents in induced income (0.87 minus 0.61) in the local region (Table 2). Employment multipliers are defined similarly but on the basis of the number of jobs per million dollars in direct sales. For an average project, each million dollars in direct sales supported about 32 direct jobs, 3 indirect jobs (35 minus 32), and 8 induced jobs (43 minus 35) for a total job impact of 43 jobs per million dollars of direct sales (Table 2).

Total visitor spending was obtained by multiplying average spending per person trip by the number of person trips for each segment and then summing the results across segments. Economic effects at the project level were estimated by multiplying total visitor spending by capture rates and multipliers that were unique to each project (averages were used when there were no multipliers

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¹ For details on the revised Type III multipliers, refer to Propst et al. (1998).

Table 2 Economic Multipliers for Regions Surrounding 108 CE Projects ¹										
Multiplier	Sales	Income ²	Jobs ³							
	Average A	Across 108 Regions								
Direct effects	1.00	0.52	31.86							
Type I multiplier	1.18	0.61	34.48							
Type III multiplier	1.66	0.87	42.81							
Capture rate⁴	0.66									
	Range (m	inimum - maximum)								
Type I multiplier	1.09 - 1.28	0.51 - 0.72	21.78 - 49.57							
Type III multiplier	1.37 - 1.99	0.66 - 1.11	27.74 - 59.43							
Capture rate ⁴	0.53 - 0.83									

¹ Region defined as all counties within 30-mile radius of the project. Multipliers were originally computed by Becker (1997) using IMPLAN DOS version 91-F with 1990 database. All the Type III multipliers were modified downward to adjust the induced effects bias and price-adjusted to reflect current year value based on the approaches used in the 1996 regional impact report (Propst et al. 1998).

² Income per dollar of direct sales. Income includes employee compensation and proprietor and other property income.

Capture rate is the percentage of visitor spending captured as direct sales within the region.

estimated for the projects). Only trip spending within 30 miles of the projects was included in local economic effect estimates.

National economic effects

National economic effects of CE visitor spending on trips were estimated by applying total trip spending (including both within and outside 30 miles of the projects) to an I-O model of the U.S. economy. A U.S. model was developed using IMPLAN-Pro version 2.0 with a 1997 database. Visitor spending was multiplied by total use to estimate total U.S. spending by CE visitors. The MI-REC system was used to bridge the total spending into the appropriate industrial sectors of the U.S. I-O model (Stynes and Propst 1996; Chang et al. 1998). Total employment, income, and sales due to direct and secondary effects were estimated by IMPLAN.

Two adjustments were made for the estimate of national economic effects. First, visitor spending outside 30 miles estimated for this study was adjusted upward based on the results of a previous study (Propst et al. 1992). This adjustment was necessary due to the low response rates and low sample sizes in certain segments. Total visitor spending outside 30 miles was adjusted upward from \$1,895 million to \$3,775 million. This adjustment was done by multiplying the Propst et al. (1992) results (price-adjusted to 1999) by the ratio of within 30-mile spending between the two surveys. This adjustment increased the estimated total visitor spending for both within and outside 30 miles from \$8,009 to \$9,888 million.

³ Jobs per million dollars in direct sales. Jobs are not full-time equivalent. Any full-time and part-time job is counted as one job.

The national estimates of employment effects were adjusted based on the approach described in Stynes et al. (1998). The need for this adjustment stems from an issue of scale in which local jobs to sales ratios are much higher than the national ratios. Local regions around CE projects averaged 32 direct jobs per million dollars in direct sales, while the United States as a whole averaged 15 jobs per million. This adjustment is based on the facts that direct jobs are created primarily in the local areas around CE projects where the costs of labor are lower, making the ratio of jobs to sales higher.

National job effects estimated in this report were adjusted for this problem. The local models were assumed to yield an accurate estimate of the direct jobs associated with direct local sales to visitors. The revised national estimates of direct job effects were the sum of local direct jobs plus direct jobs from the sales that occurred outside the local areas. That is, the local jobs to sales ratios were applied to sales captured within local regions and the national ratios were applied to sales captured outside local regions. This same approach was also used to adjust the secondary job estimates and national job impact estimates for all trip spending.

3 Results

The results are provided in seven sections. The first section presents response rate data. The second section describes the characteristics of the respondents. Section three provides respondents' recreational use information and spending profiles across all projects. Visitors were grouped into six market segments based on their lodging types and boating activity. Section four reports recreational use information and spending profiles separately for three individual projects. Section five describes the economic effects of visitor spending at the project level, and sections six and seven summarize the economic effects of visitor spending at district, division, and national levels.

Response Rates

A total of 8,101 parties were approached for the onsite surveys. A party was defined as all occupants of a single vehicle. Of these parties, 47 refused to participate and 8,054 completed the onsite surveys. One hundred and twenty-four parties who completed the onsite surveys refused to participate in the mailback surveys, leaving a mailback sampling frame of 7,930 parties. Of the remaining 7,930 parties who agreed to participate in the mailback surveys, 1,650 returned their trip spending questionnaires, yielding a response rate of 21 percent (Table 3). The response rates ranged from 31 percent at Barren River Lake to 7 percent at Murray Lock and Dam.

Because names and addresses were not obtained during the onsite interviews, it was not possible to employ the usual follow-up reminder techniques that typically enhance response rates in sample surveys. Not having names and addresses also prevented checking for nonresponse bias (i.e., the extent to which the spending profiles of those who did not return their mailback questionnaires were different from those who did). The seriousness of the low response rate and its implications in terms of data usefulness are discussed in the limitations section of this report. For now, it is important to note that the sample sizes were sufficient to develop credible spending profiles for the six segments at the national level, which was one of the primary purposes of this study.

Response rates for the six targeted visitor segments are shown in Table 4. These response rates varied significantly from segment to segment. The other overnight/boater segment had the highest response rate at 29 percent, while the day user/nonboater segment had the lowest response rate at 11 percent. In

Table 3									
Response Rates for I	Mailback S	Surveys b	y Project						
Project Name	Number of Onsite Interviews	Refusals for Mailback Surveys	Number of Mailback Surveys Distributed	Mailbacks Returned	Response Rates, %				
Barren River Lake	587	7	580	182	31				
Bonneville Lock and Dam	200	57	143	14	10				
Center Hill Lake	589	n/a ¹	589	119	20				
Hartwell Lake	238	n/a ¹	238	47	20				
John Martin Dam	799	n/a ¹	799	164	21				
Lake Barkley	528	3	525	117	22				
Lake Okeechobee	497	n/a ¹	497	130	26				
Lake Sonoma	584	0	584	95 ·	16				
Lower Granite Lock and Dam	535	n/a ¹	535	51	10				
Murray Lock and Dam	108	n/a ¹	108	8	7				
Nolin River Lake	264	n/a ¹	264	35	13				
Old Hickory Lock and Dam	505	n/a ¹	505	107	21				
Saylorville Lake	842	27	815	212	26				
Tennessee-Tombigbee Waterway	804	30	774	202	26				
Waco Lake	414	n/a ¹	414	64	15				
Walter F. George Lake	560	n/a ¹	560	103	18				
Total	8,054	124	7,930	1,650	21				
¹ No information on refusals.									

Table 4			
Response Rates for Mai	lback Surveys I	by Visitor Se	egment
Project Name	Number of Mailback Surveys Distributed ¹	Mailbacks Returned ¹	Response Rate ¹
Day user/nonboater	1,823	194	11
Day user/boater	1,632	250	15
Camper/nonboater	2,040	468	23
Camper/boater	1,991	436	22
Other overnight user/nonboater	205	38	19
Other overnight user/boater	238	68	29
Total	7,929	1,454	18
Includes only surveys for which views.	sitor segments were id	lentifiable.	

general, overnight visitors had higher response rates than day visitors, and boaters had higher response rates than nonboaters.

General Characteristics of CE Recreation Visitors

Visitor use and spending information were weighted by the 1999 NRMS visitation data of each segment as provided in Table 1. The general characteristics of CE recreation visitors are shown in Figures 2-7. Sixty-seven percent of the CE visitors lived within 30 miles of the CE projects (Figure 2). When asked

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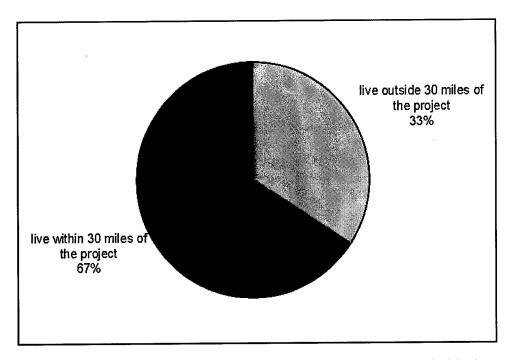


Figure 2. Permanent residence of CE visitors (weighted by the NRMS visitation data), 1999 (n = 7,790)

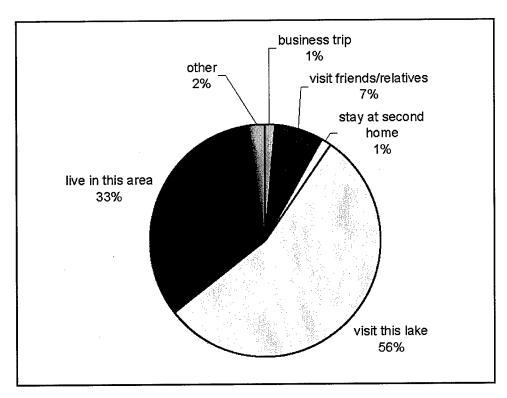


Figure 3. Primary purpose to visit the area where respondents were interviewed (weighted by the NRMS visitation data), 1999 (n = 7,782)

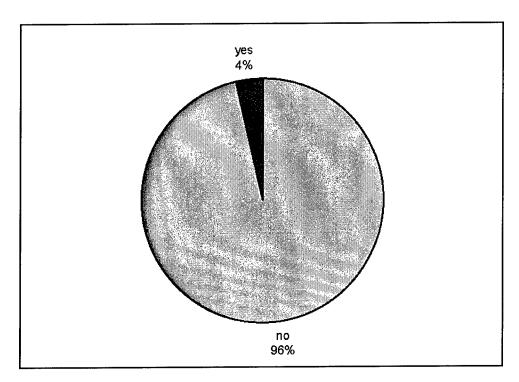


Figure 4. Percentage of CE visitors who stayed overnight within 30 miles of the projects (weighted by the NRMS visitation data), 1999 (n = 7,979)

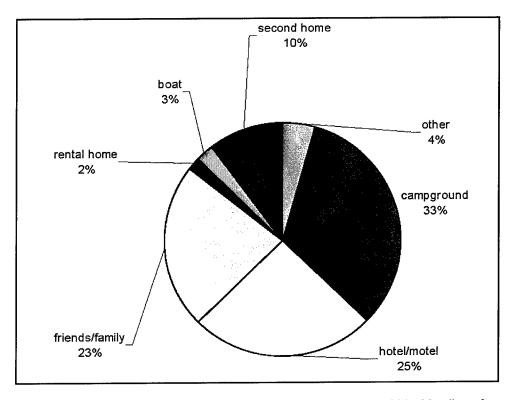


Figure 5. Lodging type for CE visitors who stayed overnight within 30 miles of the projects (weighted by the NRMS visitation data), 1999 (n = 4,256)

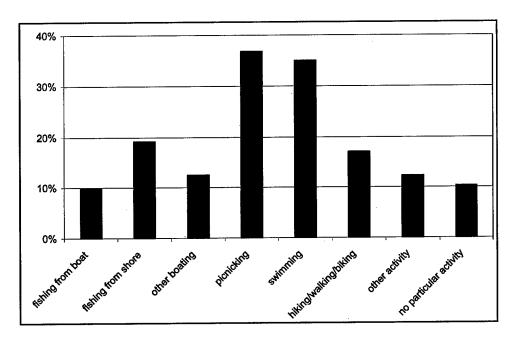


Figure 6. Recreation activities participated in on current trip (weighted by the NRMS visitation data), 1999 (n = 7,840). Note: Camping was excluded from this estimate because it was treated as a type of lodging in the survey

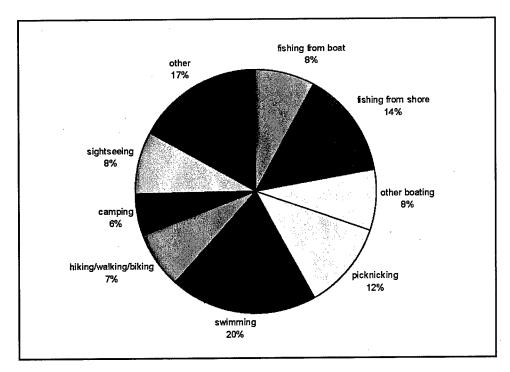


Figure 7. Primary activity participated in on current trip (weighted by the NRMS visitation data), 1999 (n = 7,650)

about why they visited the area where they were surveyed, 56 percent reported that their primary purpose was to visit the given lake. Another 33 percent reported they visited the area because they lived nearby (Figure 3).

In total, only 4 percent of the visitors stayed overnight when visiting CE projects (Figure 4). About 33 percent of the visitors who stayed overnight stayed in campgrounds. Another 25 percent of the overnight visitors stayed in hotels or motels (Figure 5).

Picnicking and swimming were the most frequently participated activities for all CE visitors. About 37 percent of the visitors said they picnicked when they visited the CE projects and 35 percent said they swam (Figure 6). The participation rates for all other activities were between 10 and 20 percent. When asked to identify the primary activity on their trips to the lakes, almost 20 percent of the visitors reported swimming and 12 percent reported picnicking. About 22 percent of the visitors reported either fishing from boat or fishing from shore as their primary activities (Figure 7). Participation in outdoor recreation activities was highly seasonal. Since the surveys were not begun until June, it is not surprising that swimming and picnicking ranked this high. If the surveys had begun in April or earlier, it is likely that fishing may have received a higher ranking (this is particularly true for projects in the South).

Trip Spending and Other Characteristics

Typical CE visitors (i.e., the weighted average of spending profiles for the six segments) in 1999 spent \$15.47 per person trip within 30 miles of the project and \$4.80 outside 30 miles of the project for a total of \$20.26 for the entire trip (Table 5). Of the expenditures made within 30 miles of the project, visitors spent the most on groceries, restaurants, and gas and oil (about \$3 to \$4 per person trip on each category). Spending on these three categories accounted for about 70 percent of the total spending. The overall party size (weighted average) was 2.77 people and the length of stay within 30 miles of the project was slightly more than 1 day (0.14 nights) for all visitors.

On a segment-by-segment basis, the per person trip spending within 30 miles of the project varied from \$12 for day use nonboaters to \$84 for overnight boaters (Table 5). Total trip spending, both within and outside 30 miles, varied from \$15 per person trip for day use nonboaters to \$107 for overnight boaters. In general, boaters spent more than nonboaters, and overnight visitors and campers spent more than day visitors.

The percent errors (standard error divided by mean) for trip spending were about 5 percent for campers and 20 percent for the other overnight visitors. The percent errors for the day user segments (boaters or nonboaters) were about 10 percent. The 95-percent confidence interval for trip spending for each segment is average spending plus and minus two standard errors. Thus, the 95-percent confidence interval for spending within 30 miles of the project for campers who boated was \$58.50 to \$71.50 per person trip (\$65 plus or minus \$6.50). This

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Table 5 Summary of CE Visitor Spending Profi	or Spei	nding Profil	les,	1999 (all projects, dollars per person trip, six segments)	rojects,	dollars	ser per	son trip,	six seg	ments)			
		Campel	يا			Day Use	Jser			Other O	Other Overnight		
	ĕ	Boater		Nonboater	B	Boater		Nonboater	8	Boater	Nonb	Nonboater	Weighted
Spending Category	Mean	Error'	Mean	rror	Mean	Error	Mean	Pct. Error	Mean	Pct. Error	Mean	Pct. Error	Average ²
				ш	Spending \	Spending Within 30 miles	iles						
Hotel, motels, cabins, B&B, and rental homes	0.73	%98	0.11	%69	0.00	1	0.00		17.17	49%	17.79	30%	0.51
Camping fee	13.65	2%	14.12	2%	00.0		0.00	-	0.10	74%	0.03	100%	0.20
Restaurants, bars, etc.	7.06	10%	8.10	%6	2.35	15%	2.93	21%	12.47	19%	13.97	18%	3.19
Groceries and take out food	18.00	%9	14.66	%9	3.87	%6	3.87	13%	12.98	23%	5.57	27%	4.13
Gas & oil	11.13	2%	7.68	%9	6.14	11%	2.43	12%	13.55	15%	6.52	19%	3,45
Other auto expenses	0.86	38%	1.33	49%	1.50	62%	0.27	%02	5.37	85%	0.00	-	0.57
Other boat expenses	4.38	20%	0.00	1	1.88	20%	0.00	%0	10.75	%96	0.00	-	0.47
Entertainment and recreation fees	2.06	19%	2.57	15%	0.86	19%	0.46	27%	3.84	%98	1.46	44%	0.61
Sporting goods and boat equipment	4.20	15%	1.33	25%	2.73	33%	92'0	38%	4.37	%67	2.09	%69	1.24
Other expenses	2.95	16%	5.24	18%	0.44	41%	1.17	51%	2.97	39%	1.49	37%	1.09
Total (within 30 miles)	65.03	%5	55.12	2%	19.75	10%	11.89	12%	83.56	23%	48.92	16%	15.47
Total Trip Spending													
Hotel, motels, cabins, B&B, and rental homes	1.20	29%	1.28	38%	00:0	-	0.00	-	19.61	44%	28.60	41%	82'0
Camping fee	15.05	2%	18.03	%9	0.00	•	0.00	•	0.19	%98	0.03	100%	0.25
Restaurants, bars, etc.	8.80	10%	12.24	%6	2.76	14%	3.35	20%	16.79	16%	24.09	33%	3.90
Groceries and take out food	24.01	2%	21.11	%9	2.07	7%	4.34	12%	19.23	17%	7.59	23%	4.91
Gas & oil	15.98	2%	15.95	7%	8.16	%6	3.24	10%	19.12	18%	13.94	17%	4.80
Other auto expenses	1.83	41%	2.24	32%	1.56	29%	0.39	27%	5.62	81%	0.00	,	69.0
Other boat expenses.	5.44	16%	00:00	-	2.01	47%	0.00	-	13.24	33%	0.00	•	0.52
Entertainment and recreation fees	2.39	19%	4.68	18%	0.87	19%	0.56	27%	4.30	33%	2.40	33%	0.74
Sporting goods and boat equipment	5.95	14%	2.31	25%	4.10	24%	0.88	34%	5.59	29%	3.18	46%	1.67
Other expenses	4.22	15%	8.00	14%	0.54	38%	2.31	49%	3.65	33%	2.27	33%	2.02
Total trip spending	84.88	2%	85.84	2%	25.07	%6	15.08	11%	107.34	19%	82.12	76%	20.26
Party size	3.53	2%	2.76	3%	2.78	4%	2.77	4%	3.27	%2	2.47	%/	2.77
Total nights	4.62	4%	5.20	5%	00.00	1	0.00	,	2.90	10%	6.24	19%	0.23
Nights w/in 30 miles	4.25	4%	3.81	2%	0.00	ı	0.00	·	2.42	12%	3.00	20%	0.14
# of cases	422		426		249		193		99		37		1,393
1 Pct. Error = Standard Error / Mean. Two standard error	ir / Mean.	Two standard	errors equi	ors equal 95% confidence interval	lence inten	val.							
2 Veguied average of the six segments based on visitation in rapid	10 COUNTY	ווט ממפכת כיו	Holicanon m	, doi:									

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means that if the study were repeated 100 times, the average spending amount by this segment would fall between \$58.50 and \$71.50 in 95 out of 100 repetitions. This is a respectable error range for visitor expenditure surveys in general and is consistent with the 1989/90 survey results (Propst et al. 1992). The reason why the percent error, and hence the confidence interval, doubles and then quadruples from campers to day users to other overnight visitors, respectfully, is related to sample size. Since the formula for computing sampling error has sample size in the denominator, as sample size decreases, percent error increases. In examining the results in Table 5, sample sizes for the other overnight segments are relatively small and hence the relevant spending profiles are less stable and reliable (i.e., more prone to error) than those of the campers and day users.

Trip Spending and Other Characteristics at the Project Level

Only three projects had sufficient sample sizes to justify the computation of spending profiles from the survey data: Saylorville Lake, Barren River Lake, and John Martin Dam (Tables 6 - 8). Due to the low sample size at the project level, the visitor segments were reduced to three instead of six. The boater and nonboater segments were combined based on percent of boaters reported in the NRMS so there would be more sample in each segment. The three segments were then weighted based on visitation computed in Table 1 to compute the overall averages in the last columns of Tables 6-8. Among these three projects, the lowest weighted average spending for trips within 30 miles of the project was found at Barren River Lake (\$11 per person trip); the highest weighted average spending was at John Martin Dam (\$26 per person trip). Since day users accounted for more than 95 percent of the total visits at all three projects according to the NRMS data, the differences in weighted average spending at these projects were heavily influenced in a downward direction by the day user spending, which is typically much lower than that of campers and other overnight segments. The average spending for day users was \$10 at Barren River Lake, \$17 at Saylorville Lake, and \$25 at John Martin Dam for trips within 30 miles of the project.

The weighted average party size ranged from 2.45 people at John Martin Dam to 2.8 people at Barren River Lake. These numbers are similar to the 16-lake average of 2.77 people (Table 5). The numbers of nights away from home were also similar to the 16-lake average at two out of the three projects. Visitors spent an average of 0.12 nights and 0.14 nights within 30 miles of John Martin Dam and Barren River Lake, respectively, while the overall average for the 16 lakes was 0.14 nights. Visitors spent an average of 0.25 and 0.22 total nights away from home (within and outside 30 miles) on trips to John Martin Dam, respectively, while the overall average for the 16 lakes was 0.23 nights. The nights away from home were higher for Saylorville visitors. The average was 0.19 nights on trips within 30 miles and 0.3 nights in total trip length.

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Table 6 Summary of Visitor Spending Profiles at Saylorville Lake, 1999 (dollars per person trip, three segments¹)

	Ca	mper	Da	y User	Other	Overnight ³	Weighted		
Spending Category	Mean	Pct. Error ²	Mean	Pct. Error	Mean	Pct. Error	Average⁴		
		Spending V	Vithin 30 M	iles					
Hotel, motels, cabins, B&B, and rental homes	0.00	-	0.00	-	15.03	7%	0.43		
Camp fee	13.72	11%	0.00	-	0.07	10%	0.38		
Restaurants, bars, etc.	6.68	21%	5.85	37%	11.68	23%	6.03		
Groceries and take out food	14.71	12%	5.08	23%	5.16	31%	5.35		
Gas & oil	7.82	11%	2.25	21%	6.02	18%	2.51		
Other auto expenses	0.18	95%	0.16	80%	0.05	10%	0.16		
Other boat expenses	0.27	7%	0.10	10%	1.42	14%	0.15		
Entertainment and recreation fees	3.74	30%	1.00	60%	1.34	49%	1.08		
Sporting goods and boat equipment	1.44	77%	1.58	91%	2.36	14%	1.60		
Other expenses	5.01	40%	0.62	57%	1.14	14%	0.75		
Total (within 30 miles)	53.57	10%	16.63	20%	44.27	20%	18.43		
Total Trip Spending									
Hotel, motels, cabins, B&B, and rental homes	0.67	76%	0.00	-	23.04	7%	0.67		
Camp fee	15.93	12%	0.00	-	0.07	10%	0.44		
Restaurants, bars, etc.	8.19	19%	5.85	37%	19.66	38%	6.30		
Groceries and take out food	18.44	12%	5.26	22%	7.37	26%	5.69		
Gas & oil	13.06	19%	2.74	24%	11.84	18%	3.28		
Other auto expenses	0.76	77%	0.16	80%	0.05	10%	0.17		
Other boat expenses	0.86	8%	0.10	10%	1.42	14%	0.16		
Entertainment and recreation fees	4.34	29%	1.00	60%	2.03	40%	1.12		
Sporting goods and boat equipment	1.61	79%	1.60	90%	3.17	54%	1.65		
Other expenses	6.33	33%	0.71	59%	1.72	14%	0.89		
Total trip spending	70.20	11%	17.42	21%	70.37	28%	20.37		
Party size	2.80	6%	2.73	10%	2.87	10%	2.73		
Total nights	5.28	14%	0.00	-	5.55	19%	0.30		
Nights w/in 30 miles	3.99	13%	0.00	-	2.74	21%	0.19		
# of cases	106		85		10		201		

¹ Boaters and nonboaters were combined based on percent of visitors boating at each project (from 1999 NRMS database).

Averages are weighted by the number of visits by each of the three segments at this project.

² Pct. Error = Standard Error / Mean. Two standard errors equal 95% confidence interval.

The 16-project average spending for the other overnight nonboater segment was used to compute weighted spending for the other overnight segment. This was done due to low sample size (less than 5) for the other overnight nonboater segment at this project.

Table 7 Summary of Visitor Spending Profiles at Barren River Lake, 1999 (dollars per person trip, three segments¹)

	Ca	mper	Day	User	Other O	vernight ³	Weighted	
Spending Category	Mean	Pct. Error ²	Mean	Pct. Error	Mean	Pct. Error	Average⁴	
		Spending V	Vithin 30 Mil	es				
Hotel, motels, cabins, B&B, and rental homes	0.22	87%	0.00	-	15.91	36%	0.46	
Camp fee	9.69	9%	0.00	-	0.03	87%	0.16	
Restaurants, bars, etc.	4.64	22%	2.26	37%	13.57	19%	2.63	
Groceries and take out food	8.20	16%	2.65	30%	5.81	28%	2.84	
Gas & oil	5.34	15%	2.26	21%	7.16	19%	2.45	
Other auto expenses	0.27	69%	1.01	12%	0.29	7%	0.98	
Other boat expenses	0.43	5%	0.12	9%	0.21	7%	0.13	
Entertainment and recreation fees	1.19	45%	0.70	45%	1.64	42%	0.73	
Sporting goods and boat equipment	0.97	46%	0.59	48%	2.28	59%	0.64	
Other expenses	1.22	42%	0.19	71%	1.43	41%	0.24	
Total (within 30 miles)	32.18	10%	9.77	23%	48.34	17%	11.26	
Total Trip Spending								
Hotel, motels, cabins, B&B, and rental homes	0.22	87%	0.00	-	25.10	46%	0.72	
Camp fee	9.73	9%	0.00	-	0.03	87%	0.17	
Restaurants, bars, etc.	5.27	22%	2.62	35%	22.54	32%	3.23	
Groceries and take out food	12.03	11%	3.25	28%	8.12	24%	3.54	
Gas & oil	9.38	11%	3.38	18%	13.89	18%	3.79	
Other auto expenses	0.71	71%	1.07	11%	0.29	7%	1.04	
Other boat expenses	0.51	5%	0.12	9%	0.21	7%	0.13	
Entertainment and recreation fees	1.33	46%	0.70	45%	2.44	33%	0.76	
Sporting goods and boat equipment	0.97	46%	0.87	48%	3.52	50%	0.94	
Other expenses	1.39	39%	0.19	71%	2.10	38%	0.26	
Total trip spending	41.54	8%	12.19	18%	78.23	25%	14.58	
Party size	3.57	8%	2.80	10%	2.53	9%	2.80	
Total nights	3.31	11%	0.00	_	5.78	19%	0.22	
Nights w/in 30 miles	3.28	11%	0.00	-	2.91	19%	0.14	
# of cases	105		51		18		174	

Boaters and nonboaters were combined based on percent of visitors boating at each project (from 1999 NRMS database). Pct. Error = Standard Error / Mean. Two standard errors equal 95% confidence interval.

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The 16-project average spending for the other overnight nonboater segment was used to compute weighted spending for the other overnight segment. This was done due to low sample size (less than 5) for the other overnight nonboater segment at this project.

Averages are weighted by the number of visits by each of the three segments at this project.

Table 8 Summary of Visitor Spending Profiles at John Martin Dam, 1999 (dollars per person trip, three segments¹)

	Ca	amper	Da	ay User	Other	Other Overnight ³	
Spending Category	Mean	Pct. Error ²	Mean	Pct. Error	Mean	Pct. Error	Average⁴
		Spending V	Within 30 M	liles			
Hotel, motels, cabins, B&B, and rental homes	0.05	11%	0.00	-	11.51	47%	0.33
Camp fee	6.27	15%	0.00	-	0.00	-	0.10
Restaurants, bars, etc.	3.47	30%	8.03	71%	9.71	32%	8.00
Groceries and take out food	11.67	18%	7.74	55%	5.36	42%	7.74
Gas & oil	8.62	17%	7.27	35%	7.20	31%	7.29
Other auto expenses	0.04	74%	0.73	89%	0.01	11%	0.70
Other boat expenses	0.11	8%	0.00	-	0.57	11%	0.02
Entertainment and recreation fees	1.25	32%	0.56	96%	1.52	67%	0.60
Sporting goods and boat equipment	0.83	48%	0.09	9%	3.85	96%	0.21
Other expenses	2.57	43%	0.55	63%	0.25	11%	0.57
Total (within 30 miles)	34.89	14%	24.95	48%	39.97	24%	25.54
		Total Tr	rip Spending	g			
Hotel, motels, cabins, B&B, and rental homes	6.82	51%	0.00	-	14.55	40%	0.53
Camp fee	13.67	17%	0.00	-	0.00	-	0.22
Restaurants, bars, etc.	14.80	27%	9.69	72%	16.91	32%	9.98
Groceries and take out food	27.20	19%	11.15	42%	10.46	43%	11.39
Gas & oil	31.04	17%	8.39	31%	19.45	30%	9.07
Other auto expenses	1.90	51%	0.73	89%	0.01	11%	0.73
Other boat expenses	0.23	5%	0.00	•	0.57	11%	0.02
Entertainment and recreation fees	6.36	41%	0.57	95%	2.91	57%	0.73
Sporting goods and boat equipment	4.88	61%	0.48	97%	5.32	73%	0.69
Other expenses	11.56	32%	0.55	63%	0.99	92%	0.73
Total trip spending	118.48	17%	31.56	43%	71.17	24%	34.08
Party size	3.00	9%	2.45	22%	2.20	15%	2.45
Total nights	5.84	14%	0.00	-	5.42	35%	0.25
Nights w/in 30 miles	2.93	14%	0.00	-	2.61	19%	0.12
# of cases	109		23		21		153

Boaters and nonboaters were combined based on percent of visitors boating at each project (from 1999 NRMS database).

Averages are weighted by the number of visits by each of the three segments at this project.

Pct. Error = Standard Error / Mean. Two standard errors equal 95% confidence interval.

The 16-project average spending for the other overnight nonboater segment was used to compute weighted spending for the other overnight segment. This was done due to low sample size (less than 5) for the other overnight nonboater segment at this project.

Economic Effects at the Project Level

The project-level estimates of visits, spending, economic effects, and multipliers are reported in Appendix E. Visits were estimated for all 456 projects using the 1998 and 1999 NMRS project-specific data (Table E1). Estimates of economic effects for these projects were based on the spending profiles developed in this study and multipliers generated from 108 I-O models for the regions around each project (Table E5). The spending profiles (within 30 miles only) in Table 5 were applied to visitation at each project to obtain estimates of total spending (Table E2) and economic effects on sales (Table E2), income (Table E3), and jobs (Table E4).

Barren River Lake (in Louisville District) serves to illustrate the interpretation of the findings, as well as the approach. Barren River Lake reported 1.5 million visits in 1999 with camping revenues of \$205,608 (1998 figures). There were 365 CE-managed campsites at Barren River Lake and 99 non-CE-managed campsites. Boaters accounted for 13 percent of the visits. Based on these data from the 1999 and 1998 NRMS databases, Barren River Lake hosted 26,000 camping visits (person trips), 1.45 million day use visits, and 43,000 other overnight visits (Table 9). Based on the camping revenue data used in this report, 1.7 percent of visits to Barren River Lake were by campers, as opposed to the 10-percent figure from the PR_USE database in the NRMS. By multiplying visitor spending for each segment by total number of visits for each segment, total spending for each segment was estimated. In total, recreation visitors to Barren River Lake spent \$22.49 million in the local area in 1999 (Table 9).

Table 9 Visitation and	Spending	at Barren R	iver Lake, '	1999			
Visitation and	С	ampers	Day	y Users	Othe	r Overnight	
Spending	Boater	Nonboater	Boater	Nonboater	Boater	Nonboater	Total
Visits	3,344	22,382	188,421	1,260,971	5,653	37,829	1,518,600
Spending (\$MM)	0.22	1.23	3.72	15.00	0.47	1.85	22.49

Table 10 Economic at Barren				ding
Effect	Direct	Indirect	Induced	Total
Sales (\$MM)	14.75	2.66	7.03	24.44
Income (\$MM)	7.65	1.39	3.87	12.90
Jobs ¹	470	39	123	632
1 Not full-time counted as on		. Any full-time	e and part-t	ime job is

Barren River Lake is illustrative of projects where primary spending data were collected (Table 7) and project-specific multipliers were estimated for the surrounding region using an I-O model. The multipliers for Barren River Lake are reported in Appendix Table E5. Sixty-four percent of the \$22.49 million in visitor spending was captured as direct sales by the local economy -- \$14.75 million in sales (Table 10). These direct sales

accounted for another \$2.66 million in indirect sales and \$7.03 million in induced sales for a total sales effect of \$24.44 million.

Income and employment effects for Barren River Lake are interpreted similarly. Visitor spending accounted for \$7.65 million in income and 470 jobs in businesses directly serving visitors (Table 10). Another \$1.39 million in income and 39 jobs were associated with backward-linked industries through indirect effects. Total effects including direct, indirect, and induced effects of the \$22.49 million visitor in spending were \$24.44 million in sales, \$12.90 million in income, and 632 jobs in the local region.

Economic Effects at District and Division Levels

The availability of visitation, spending, and economic impact estimates for all 456 CE projects makes it a simple task to generate economic effects for CE districts and divisions. Division and district totals are reported in Table 11. It should be noted that these are simply aggregations of the local impacts of individual projects in each district or division. The findings do not therefore cover all impacts on the larger region, but only the sum of the impacts on local areas around projects in a given district or division. A complete estimate of impacts for the larger regions would need to include visitor spending outside local areas surrounding each project and should employ multipliers for the larger region. However, to estimate multipliers at district and division levels is beyond the scope of this project and requires additional data that were not available for this study.

Approximately half of the income and employment effects occurred in two of the Corps' eight divisions: Great Lakes and Ohio River, and Southwestern. Fifty-five percent of these effects occurred in seven of the Corps' 31 districts. Comparisons of the relative impacts of projects in each district or division should take into account the demographic and economic characteristics of the regions. For example, a thousand jobs in a district with relatively low population and economic activity has a much greater relative impact than a thousand jobs in a heavily populated, economically diverse district. District and division personnel may find these comparisons useful, especially when compared with the economic effects of other industries (e.g., agriculture or manufacturing). However, since the estimates at district and division levels do not cover all impacts on the larger region (i.e., they are only the sum of the impacts on local areas around projects), recreation impacts may be underestimated when compared with other industries' impacts at the district and division level.

National Economic Effects

Aggregation of local effects

The aggregation may be taken one step further to the national level, with the same caveats as above. Summing visitor spending at all 456 projects (Table E2) yielded a total of \$6 billion in trip-related expenditures associated with recreational use of CE projects in 1999 (Table 12). These were trip expenditures

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Table 11 Summary Results for All CE Districts,	sults for All	CE Distric	cts, 1999								
		Visits in	Visits in Person Trips (1,000's)		Tota!1	Sales	Sales Effects ¹	Іпсоте	Income Effects ¹	Job E	Job Effects ²
Division	District	Camper	Day User3		Spending	Direct	Total	Direct	Total	Direct	Total
Great Lakes and	Detroit	0	1,885	1,885	25	16	27	8	14	515	692
Onio River (LRD)	Huntington	364	29,990	30,354	433	282	470	147	249	9,154	12,321
	Louisville	6//	27,938	28,717	433	279	454	145	238	9,158	12,134
	Nashville	273	40,826	41,098	631	403	661	204	341	12,911	17,341
	Pittsburgh	107	6,682	6,789	105	69	117	36	62	2,187	2,968
	Subtotal	1,523	107,321	108,844	1,627	1,050	1,728	540	904	33,924	45,456
Mississippi Valley	Rock Island	186	19,188	19,374	282	185	307	95	161	5,950	7,995
(MIVD)	St. Louis	234	15,812	16,045	259	166	265	81	133	5,547	7,254
	St. Paul	11	9,822	868'6	180	117	205	61	109	3,837	5,317
	Vicksburg	167	10,761	10,928	173	110	174	55	68	3,763	4,932
	Subtotal	663	55,583	56,246	895	578	952	292	492	19,097	25,497
North Atlantic	Baltimore	88	2,322	2,411	41	27	44	14	23	860	1,154
(NAD)	New England	20	6,978	7,028	26	63	105	33	55	2,019	2,713
	Norfolk	0	328	328	5	3	5	2	3	102	137
****	Philadelphia	0	1480	1,480	25	16	27	8	14	515	693
	Subtotal	138	11,108	11,246	167	110	181	25	96	3,496	4,698
Northwestern	Kansas City	342	11,719	12,061	204	134	222	70	117	4,276	5,747
(1444)	Omaha	220	13,509	13,729	207	132	213	89	112	4,347	5,721
	Portland	51	9,872	9,923	150	86	163	51	98	3,135	4,211
·	Seattle	15	2,953	2,968	45	30	49	15	56	944	1,269
	Walla Walla	44	7,141	7,185	105	69	117	36	62	2,206	3,003
	Subtotal	672	45,194	45,866	712	463	765	241	404	14,909	19,951
											(Continued)

¹ In millions.
² Number of jobs. Includes full-time and part-time jobs.
³ Includes other overnight visits as reported in NRMS database.

Table 11 (Concluded)	ncluded)										
		Visits in	Visits in Person Trips	Trips (1,000's)	Total	Sales	Sales Effects	Income Effects	Effects	Job Effects	fects
Division	District	Camper	Day User3	Total	Spending	Direct	Total	Direct	Total	Direct	Total
Pacific Ocean	Alaska		134	140	2	_	2	1	1	44	59
(POD)	Subtotal	2	134	140	2	1	2	1	1	44	59
South Atlantic	Jacksonville	135	7,188	7323	118	- 22	128	40	68	2,467	3,315
(SAD)	Mobile	403	35,766	36,169	297	386	624	206	336	11,404	15,264
	Savannah	242	17,992	18,234	287	189	313	98	166	5,825	7,874
	Wilmington	146	6,108	6,254	102	63	86	32	51	2,139	2,737
	Subtotal	925	67,054	626'29	1,103	715	1,163	376	621	21,835	29,191
South Pacific	Albuquerque	26	1,048	1,073	16	11	17	5	6	335	451
(SPD)	Los Angeles	17	7,765	7,782	103	80	141	43	7.7	1,769	2,543
	Sacramento	48	2,243	2,291	38	24	40	13	22	725	980
	San Francisco	28	1,106	1,134	18	12	19	9	10	363	487
	Subtotal	119	12,161	12,280	175	126	218	29	119	3,192	4,461
Southwestern	Fort Worth	524	26,344	26,868	421	288	478	155	261	8,415	11,388
(SWD)	Galveston	0	2,543	2,543	33	25	40	13	22	627	846
	Little Rock	368	29,209	29,577	469	305	537	157	281	10,308	14,522
-	Tulsa	538	23,376	23,914	357	251	418	125	215	7,533	10,290
	Subtotal	1,430	81,471	82,901	1,281	898	1,473	451	779	26,883	37,046
All CE Projects Total		5,476	380,026	385,501	5,962	3,912	6,481	2,024	3,416	123,380	166,358

Table 12	
Summary of Total CE Visits and Trip Spen	iding Within 30 Miles of 456 Projects, 1999

		Camper	Day	/ User	Other	Overnight	
Visitation and Spending	Boat	Nonboat	Boat	Nonboat	Boat	Nonboat	Total
Visits (Person Trips, MM) ¹	1.2	4.3	80.8	288.1	2.4	8.6	385.5
Percent of Total	0.3%	1.1%	21.0%	74.7%	0.6%	2.2%	100%
Total Spending in Local Regions (within 30 miles, \$MM) ²	76	237	1,597	3,426	203	423	5,962
Percent of Total	1.3%	4.0%	26.8%	57.5%	3.4%	7.1%	100%

¹ From Table 1.

within 30 miles of CE projects and not total trip expenses. Day users accounted for 84 percent of this total spending. Other overnight visitors accounted for 11 percent of total spending as compared to 5 percent for campers. Boaters accounted for 22 percent of visits on CE projects and 31 percent of all spending.

In 1999, the \$6 billion in visitor spending associated with the CE recreation program resulted in direct effects of approximately \$3.9 billion in sales, \$2 billion in income, and 123,000 jobs within the counties around CE projects (Table 13). When secondary effects were considered, the local economic effects of CE visitor spending totaled \$6.5 billion in sales, \$3.4 billion in income, and 166,000 jobs. It is important to recall that these effects were the result of spending by CE visitors locally (within 30 miles of projects' borders) and employed local area multipliers, not national ones. Total effects represented slightly more than 0.1 percent of total U.S. jobs and 0.05 percent of total U.S. income. In terms of secondary impacts, induced effects dominated indirect effects by about 3 to 1. This reflects the labor-intensive nature of the tourism industry.

Table 13	
Economic Effects of Recreation	Visitor Local Trip Spending
on 456 CE Projects, ¹ 1999	

011 430 CE FI	Ojecis, 1999		
Effect	Sales (\$MM)	Income (\$MM)	Jobs (number of jobs) ²
Direct	3,912	2,024	123,380
Indirect	706	369	10,217
Induced	1,864	1,022	32,762
Total Effects	6,481	3,416	166,358

^{1.} Impacts on counties within 30 miles of CE projects of visitor trip spending within 30 miles of the projects. The total trip spending was \$5,962 million.

Use of national I-O model

The economic effects of CE visitor spending on the U.S. economy were also determined by applying total spending to a U.S. I-O model. Total trip spending for all CE visitors in the United States was estimated by applying average person

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Total Spending = Average spending per person trip (from Table 5) x Visits in person trips.

^{2.} Includes full-time and part-time jobs.

trip spending to the total number of person trips for each segment in Table 1. Trip spending for the entire trip (both within and outside 30 miles) was used to estimate the economic effects of CE visitors' trip spending on the U.S. economy. The estimated trip spending for all CE visitors in the United States in 1999 was \$7.8 billion from the survey. For reasons previously explained in Chapter 2, this figure was adjusted upward to \$9.6 billion.

Ninety-two percent of CE visitor spending was captured by the national economy, 8 percent went to foreign imports, which resulted in a direct sales effect of \$8.9 billion (Table 14). This spending also resulted in \$3.9 billion in direct income and supported about 200,000 direct jobs. When secondary effects were considered, the national economic effects of CE visitor spending totaled \$10.6 billion in income and about 350,000 jobs. Total effects from total trip spending represented slightly more than 0.2 percent of total U.S. jobs and 0.15 percent of total U.S. income. It is important to distinguish these results (U.S. model, or "top-down" approach) from the aggregation of local effects (local models, or "bottom-up" approach). The top-down effects were the results of total trip spending by CE visitors (both within and outside 30 miles of projects' borders) and employed national multipliers. These effects were much higher than the aggregation of local effects because of the higher capture rate (most of the spending was captured by the U.S. economy) and higher multipliers.

Table 14				
	·	A To Ant Tolo	Cuandina and	46.
	fects of CE Visi	tor iotai irip	Spending on	me
U.S. Econom	ıv. ¹ 1999			

-	.,,		
Effect	Sales (\$MM)	Income (\$MM)	Jobs (number of jobs) ²
Direct	8,909	3,866	199,192
Indirect	6,662	3,197	60,458
Induced	6,673	3,548	87,201
Total Effects	22,244	10,610	346,851

¹ Impacts of total trip spending both within and outside 30 miles of the projects. Because of low response rates and low sample sizes on some segments, the total trip spending was modified upward from the survey estimate of \$7,810 million to \$9,644 million. This modification was done by comparing visitor spending outside 30 miles estimated from this study to the 1989/1990 survey (Propst et al. 1992).

Includes full-time and part-time jobs.

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4 Limitations

The major limitation of this study is the uncertainty about representativeness of the sample due to the low response rates to the mailback portion of the survey. The low response rates resulted from a combination of factors: the inability to send follow-up reminders and the use of project personnel to make visitor contacts and distribute the survey instruments. Sending two follow-up reminders, as typically recommended in survey research, normally doubles the response rate in visitor expenditure surveys (Dillman 1978), but increases the cost and requires visitors to provide their names and addresses. Even though project personnel were trained and the research personnel at MSU were available to answer questions, it is not possible to know the extent to which procedures and instructions were followed. Even under the best of circumstances, visitors may respond differently to government employees distributing questionnaires than to trained interviewers who are under government contract.

Having noted this important limitation, we still feel that eight of the twelve national spending profiles in Table 5 are representative and reliable enough to be used to estimate economic effects and for other purposes. We say this with some confidence because we were fortunate to have the results of a similar study conducted 10 years earlier. In this study (Propst et al. 1992), a similar methodology was followed with two major exceptions: two follow-up reminders were sent and a small number of trained, university graduate student researchers distributed the surveys. In the earlier study, the response rates were 60 to 80 percent, much higher than in the current study. By price-adjusting and then comparing the results of this study with those of Propst et al. (1992), Chang and Propst (2000) were able to conclude that there were no significant differences between the spending profiles for the camper and the day user segments (boaters and nonboaters, both within 30 miles, and for total trip spending) between the two studies. This provides a good deal of confidence in using the figures from the 1999 survey for these segments and referring to the data as "nationally representative." The same cannot be said about the other overnight segments, for which there were fairly major differences between the two studies. For this reason, we recommend using the price-adjusted profiles from Propst et al. (1992) rather than from this study for the four other overnight segments.

A second limitation was related to the timing of the beginning of the survey. The availability of funding for the study necessitated beginning the surveys in June. However, half of the sampled projects were located in the southern tier of states where the recreation season, particularly as related to fishing, begins much earlier (February - April). This is the time during which fishing tournaments are

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typically held. According to project managers, these fishing tournaments attract anglers who spend a great deal of money in the local area. Thus, it is not clear how much our spending figures for the camping, day use, and other overnight segments were affected by not surveying this category of visitor more completely. Since the NRMS reports annual, not seasonal, visitation, the use estimates should be inclusive of the early season anglers and other visitor types. To check the accuracy of the spending profiles, the results from this study may be compared to the 1996 National Survey and Fishing, Hunting, and Wildlife-Related Recreation (U.S. Department of the Interior 1997), which is funded by the Fish and Wildlife Service of the U.S. Department of the Interior and Bureau of the Census of the U.S. Department of Commerce. Among other things, this survey reports angler expenditure data by state.

The third limitation is the use of the old IMPLAN Type III multipliers. The Type III multipliers used in this and the previous reports were adjusted downward to correct for a bias in the IMPLAN DOS version multiplier procedures. However, even with the adjustment, we found that the downwardly adjusted Type III multipliers are still 10 to 20 percent higher than the Type SAM multipliers. Type SAM multipliers are calculated by the latest version of IMPLAN-Pro and are thought to be more accurate in reflecting induced effects in outdoor recreation and tourism applications (Stynes et al. 2000). We did not use Type SAM multipliers in this report for project-level impact estimates because we wanted to be able to compare the economic effects in this report with comparable data in previous reports (e.g., Propst et al. 1998).

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5 Applications and Recommendations

The economic effects estimated in this report may be used to assess the CE recreation program at the project, district, or division level. There are two basic applications, discussed below, that can be handled by utilizing the findings in this report.

Estimating Economic Effects of CE Visitor Spending in a Given Year

In this report, the economic effects of CE visitor spending in 1999 were estimated for each project, district, division, and the nation as a whole. CE managers may compute economic effects for any given year by using the following equation:

Economic Effects = Average Spending per Visit × Total Annual Visits × Capture Rate × Regional Economic Multipliers

Managers should obtain updated NRMS visitation data (no conversion necessary since the spending data reported is in person trips), price inflate the spending data to the year of study, and apply the total spending to local capture rates and regional multipliers (assume capture rates and multipliers will not change too much over time). For a simplified approach on conducting economic impact analysis for CE projects, refer to the worksheet provided in Appendix A of Propst et al. (1998). For the range of multipliers and to download an Excel spreadsheet for the computation of economic impacts at multicounty level, visit the web page of Dr. Daniel Stynes, MSU, at http://www.msu.edu/user/stynes/usace ("CE Project Recreation Economic Impact Calculator"). Managers can also refer to the classification table (Appendix A) developed by Becker (1997) to choose multipliers by matching similar projects where multipliers have been computed.

Evaluating the Economic Impacts of a Proposed Action or Management Alternative

Evaluation of alternatives is another important feature of economic impact analysis. In this case, managers must define the action or alternative to be

evaluated and estimate the change in visitors and spending due to the action. For example, project managers and planners may conduct "what if' analysis by using the segmented spending profiles and regional multipliers reported in this study. Questions like "what if the percent of day use boaters increases from 20 to 40 percent at this project?" or "what if a new hotel is open on the lake (more overnight users)?" can be answered by applying the segmented spending profiles to the proposed change in visits.

This study interviewed about 8,000 visitors at 16 CE recreation project across the nation to collect recreation use information. More than 1,600 mailback questionnaires were returned from these visitors, and the results were used to estimate visitor trip spending. Total CE recreation visitation was estimated by using information gathered from this study and from the NRMS database. Economic multipliers were computed for the nation by using an I-O model, and the project-level multipliers were modified from a previous study. Economic effects of CE visitor spending were estimated by applying visitor spending and use data to regional economic multipliers. The analysis and findings in this report suggest a number of ways to improve future studies of this kind:

- a. Future studies like these should employ follow-up reminders (at least two) and use trained interviewers rather than project staff to distribute the surveys and instruct visitors. In comparing this survey with the survey conducted in 1989, it was concluded that the low response rate of this study was largely due to the lack of follow-ups. By employing follow-up reminders, the response rate may more than double and thus provide adequate sample sizes for individual projects and all visitor segments (resident and nonresident). Also, the use of trained interviewers instead of CE staff to distribute questionnaires will provide more control in survey quality since continuity among projects and surveys will result from trained staff with only one job.
- b. Future recreation use surveys could be modified to include variables useful for economic impact analysis. Information such as percent of residents vs. nonresidents, conversion variables for switching between different units (party trips to person days, etc.), and percent of CE visitors who stay overnight off premise can be gathered via other use surveys that the CE may conduct regularly or irregularly. With this information, the visitation estimates from the NRMS can be fine-tuned to better fit any future economic impact analysis.
- c. Newer IMPLAN databases should be obtained for updating regional economic multipliers. Currently, all the regional economic multipliers at the project level were estimated using the 1990 database. Although the errors due to multipliers are more likely to be the smallest compared to other components in an economic impact analysis (i.e., spending, visits, etc.), it will be very difficult to verify if the multipliers are still suitable for the region after more than 10 years. Also, the old database cannot be used in the current IMPLAN model (IMPLAN-Pro 2.0, Windows version) and thus cannot be used to compute the Type SAM multipliers. It is not necessary to obtain new IMPLAN databases and compute multipliers every year since multipliers typically do not change much over time (3 to 5 years). However, new databases should be obtained at least

every 5 years so the change in regional economies (i.e., new industries, shift in business types and linkages, population change) can be reflected in the multipliers.

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Appendix A Classification of Corps of Engineers Projects

Classificati	Classification of Corps of Engineers Projects	neers Projects				
	High Retail Establishments (1,350 +)	s (1,350 +)	High Retail Establishments (1,350 +)	1,350 +)	Low Retail Establishments (under 1,350)	its (under 1,350)
Multiplier	/High Population (500,000 +	+)	/Low Population (under 500,000)	(000	/Low Population (under 500,000)	500,000)
High Sales	I J. Percy Priest, TN	Saylorville, IA	II Willamette, OR		III Oahe, SD	Lake Sharpe, SD
Multiplier	Canyon Lake, TX	Sepulveda Dam, CA	Barkley, KY		Ouachita, AR	Norfork, AR
(1.75+)	Cheatham, TN	Shenango, PA	Beaver, AR		Bull Shoals, AR	Pomme de Terre, MO
	David D. Terry, AR	Smithville Lake, MO	Bluestone, WV		Englebright, CA	Waco Lake, TX
	Hansen Dam, CA	Whittier Narrows, CA	Stockton Lake, MO			
	Pine Flat, CA	W. H. Harsha, KY	Table Rock, AR			
		(N = 12)	Whitney, TX	(N = 7)		(N = 8)
Medium	IV Addicks, TX	Grapevine Lake, TX	V McNary, OR	Murray, AR	VI Cumberland, KY	Laurel River, KY
Sales	Alum Creek, OH	Hartwell Lake, GA	Raystown, PA	Success, CA	Mendocino, CA	Lower Granite, WA
Multiplier	Blue Marsh, PA	J Strom Thurmond, SC	Shelbyville, KY		Milford, KS	Mark Twain, MO
(1.58 – 1.74)	Bonneville. OR	Joe Pool Lake, TX	Cecil M. Harden, IN		Barren River, KY	Millwood, AR
****	Chaffield, CO	Keystone Lake, OK	Center Hill, TN		Belton Lake, TX	New Hogan, CA
-	Cherry Creek, CO	Lewisville Lake, TX	John H. Kerr, NC		Black Butte, CA	Rathbun Lake, IA
	Deer Creek, OH	Oologah Lake, OK	Kaweah, CA		Cordell Hull, TN	Sam Rayburn, TX
			Lake O' The Pines, TX		Dardanelle, AR	Somerville, TX
			Nolin River, KY		Degray, AR	Summersville, WV
			Senecaville, OH		Eufaula Lake, OK	Tenkiller, OK
			Texoma Lake, TX		Fort Gibson, OK	Wappapello, MO
			West Point, AL		Greers Ferry, AR	Wright Patman, TX
		(N = 14)		(N = 14)	H. Truman, MO	(N = 25)
Low Sales	VII Sidney Lanier, GA		VIII Monroe, IN		IX Dworshak, ID	Lake Celilo, WA
Multiplier	Allatoona Lake, GA		Rend Lake, IL		Arkabuta, MS	Lake Seminole, FL
(under 1.57)	B Everett Jordon, NC		W. Kerr Scott, NC		Blue Mountain, AR	Lake Umatilla, OR
	Falls Lake, NC		Woodruff, AL		Canton, OK	Lewis and Clark, SD
	Lavon Lake, TX				Carlyle, IL	Nimrod, AR
					Dale Hollow, TN	Philpott Lake, VA
					Dannelly, AL	Rough River, KY
			-		Eastman, CA	Sardis Lake, MS
					Grenada Lake, MS	Walter F. George, AL
		(N = 5)		(N = 4)	Hensley, CA	(N = 19)
Source: "Class	"Classification of Corps of Engineers Projects for	Projects for Economic Impact A	Economic Impact Assessment" (Becker 1997).			
Note: All Type I	Il multipliers were modified do	Note: All Type III multipliers were modified downward to adjust the induced effects bias (Propst et al. 1998)	lects bias (Propst et al. 1998).			

Appendix B Onsite Survey Questionnaire

U.S. ARMY CORPS OF ENGINEERS RECREATION VISITOR SURVEY

1.	Including yourself, how many persons are in your vehicle today?
2.	How many miles (one-way) did you travel from your home to this lake?
3.	What is your primary purpose to visit this area? (check one) 1. [] Business trip
4.	Have you spent or do you plan to spend any nights away from your home while on this trip?
	Proceed to question 4.a 4.e. How many hours will you spend in total at this lake today? Proceed to question 5.
	4.a. How many nights will you spend away from your home on this trip?
	4.b. How many of these nights will you spend within 30 miles of the lake?
	4.c. What type of lodging are you using in the local area? (check one) [] Campground
	4.d. Is this lodging: (check one) [] ON Corps' property [] OFF Corps' property
5.	What recreation activities have the people in your vehicle participated in, or plan to participate in, while on this trip to the lake? (check all that apply) 1. [] Fishing from boat
6.	What is your primary recreation activity on this trip to the lake?
7.	What is the ZIP code of your permanent home?
	ease return this questionnaire to your CE manager/staff. Thank you for your participation and ve a nice day!
	FILLED OUT BY CE MANAGER/STAFF ONLY ID#: Record time distributedAM/PM Project DATE:/
	Recreation Area Name MM DD

Appendix C Mailback Survey Questionnaire

U.S. ARMY CORPS OF ENGINEERS RECREATION EXPENDITURE SURVEY

INSTRUCTIONS

Please fill in the blanks below for spending on <u>your party's recent trip</u> to the CE Lake. The amounts in COLUMN A and B should add up to the total amount of money your party spent for that item.

EXAMPLE

Let's say the people in your vehicle spent \$52 at hotels within 30 miles of the lake and spent zero on lodging anywhere else. You would enter \$52 in COLUMN A and "0" in COLUMN B for this item. In addition, your group spent \$60 at restaurants during the trip, of which \$22 was spent within 30 miles of the lake, you would enter \$22 in COLUMN A and \$38 in COLUMN B for this item.

COLUMN B for this item.

within 30 miles
(Column A)

1. Hotels, motels, cabins, B&B, rental homes

2. Restaurants, bars, and other eating and drinking places

within 30 miles
(Column B)

\$ 0

Please enter 0 if you spent nothing:
DON'T LEAVE
BLANKS!

District Conference of the Con		88 100 B 100		in 4 / In	
	that follow are based reation trip to the:	on		ID#: <u>≪ID</u>	<u>"</u> "
			here you were int	antiquad an	1
<i>«PROJ</i> Pro	<u>NAME»</u> ject	, , , , , , , , , , , , , , , , , , ,	nere you were mi	ei vieweu vii	<u>* </u>
	150				
		7.59880.1.1139 C. WALLES 1 199280027 TO	t that time there w		ople in your vehicle.
Recrea	ition Area Name	R	ecora expenses n	or these people or	iiy.

START HERE Spending beyond Spending within 30 miles 30 miles of the lake (Column B) (Column A) LODGING 1. Hotels, motels, cabins, B&B, rental homes 2. Campground fees (including hookups) FOOD AND BEVERAGES 1. Restaurants, bars, and other eating and drinking places 2. Groceries, and take out food including alcohol and tobacco **TRANSPORTATION** 1. Gas and oil for auto, boat, RV, etc. 2. Other auto expenses (repairs, parking, tolls, etc.) Other boat expenses (repairs, rentals, slip fees, etc., excluding equipment) RECREATION 1. Attractions, entertainment, and recreation fees (including day use fees at Corps of Engineers day use areas) 2. Sporting goods and boat equipment OTHER EXPENSES (clothing, souvenirs, maps, books, etc.) After recording your expenses, please answer these two questions. 1. In total, how many nights did you spend away from home on this trip? _ 2. How many nights did you spend within 30 miles of the lake where you were interviewed? nights

You can peel off this yellow sticker and seal this form (optional) before you drop it into a mailbox.

No need to add postage. THANK YOU FOR YOUR HELP

Appendix D Data Editing and Cleaning

Data Editing and Cleaning

Rules and variable definitions:

- 1. Resident: based on miles traveled from home. 0-29 miles = resident; 30 and more miles = nonresident.
- 2. Overnight users: visitors who spent nights away from home.
- 3. Camper: respondents who answered camping as the type of lodging in question 4, or mentioned camping in question 5 or 6 in the onsite survey were coded as campers.
- 4. Other overnight visitors: visitors spent over night other than campers.
- 5. Party size: based on onsite survey. If no data available from the onsite survey, information from the mailback survey was used.
- 6. Nights away from home: based on mailback surveys. If no data available from the onsite survey, information from the mailback survey was used.
- 7. Boater: respondents who checked boating in question 5, or mentioned any boating activities in question 5 or 6 in the onsite survey were coded as boaters.

Re-coded cases:

- 1. Anyone who spent money on boating categories was coded as a boater.
- 2. Overnight visitors who only spent money on camping but did not spend money on other types of lodging were re-coded as campers.
- 3. Overnight visitors who spent money on both camping and other lodging types were examined and coded on a case-by-case basis.
- 4. Overnight visitors who returned mailback surveys but were unable to be matched with onsite surveys (i.e., no ID numbers on the mailbacks) were coded as campers if they spent money on camping; otherwise coded as other overnight users.
- 5. The spending on lodging was zeroed out if the respondent was identified as day user.

Filtered cases:

Fifty-seven cases were eliminated from final analysis due to one or both of the following situations:

- 1. Visitors who stayed for more than 30 days were excluded from the analysis since they would have an upward bias to the average per trip spending.
- 2. Cases were excluded when the reported party sizes were more than 12 people. This was done to eliminate the group tours that would distort the average per party spending.

Detection of outliers:

- 1. Survey responses were examined on a case-by-case basis for any single entry of spending that was more than \$500 for any item. The corresponding per-day and per-person expenses were reviewed so large spending figures were not categorized as outliers simply because the visitors stayed longer in the region.
- 2. Ten spending entries were identified as outliers: one reported \$500 on hotel expense for one night for a party of two; two others reported more than \$60 per night of camping fees at Corps campgrounds for groups of two and three people; three visitors reported \$3,100 on groceries for 1 day (company picnic expenses); four visitors reported spending more than \$2,000 on sporting goods (\$2,000, \$15,000, \$33,000, and \$35,000).

Appendix E Summary Results for all Corps of Engineers Projects

Table E1 Visits by	Seaments for A	Table E1 Visits by Segments for All CE Projects in 1999 (in person trips, 1,000's) (Continued)	0's) (Continu	(pa			
	,		Ca	Campers	Day Users	Day Users (inc. OVN)	
Division	District	Project		Nonboater	Boater	Nonboater	Total
LRD	Detroit	Duluth-Superior Harbor	0.00	00:00	00:00	1,079.20	1,079.20
		Keweenaw Waterway	0.00	00:00	17.42	156.78	174.20
		St. Marys River	0.00	0.00	0.00	618.80	618.80
		Sturgeon Bay and Lake Michigan Ship Canal	0.00	00.00	0.00	13.20	13.20
	Huntington	# Alum Creek Lake	1.22	14.03	226.99	2,610.36	2,852.60
	,	Atwood Lake	3.43	30.90	124.67	1,121.99	1,280.99
		Beach City Lake	0.00	00.0	0.55	54.47	55.02
		Beech Fork Lake	2.72	14.26	118.06	619.83	754.87
		Belleville Locks and Dam <ohio r=""></ohio>	0.00	0.00	152.05	692.65	844.70
		# Bluestone Lake	1.99	37.84	70.50	1,339.47	1,449.80
		Bolivar Dam	0.00	00:00	0.00	223.25	223.25
		Burnsville Lake	1.46	19.37	32.54	432.25	485.62
		Capt Anthony Meldahl Locks and Dam <ohio r=""></ohio>	00.00	00:00	230.10	446.67	676.78
		Charles Mill Lake	98.0	42.21	15.52	760.32	818.91
		Clendening Lake	00.0	0.00	32.14	168.72	200.86
		# Deer Creek Lake	0.11	11.05	40.19	3,979.24	4,030.60
		Delaware Lake	1.40	18.60	57.44	763.16	840.60
		Dewey Lake	0.02	0.38	35.24	845.67	881.30
		Dillon Lake	0.11	11.09	14.05	1,391.21	1,416.46
		Dover Dam	0.00	0.00	2.01	199.19	201.20
		East Lynn Lake	0.77	6.22	33.88	274.13	315.00
		Fishtrap Lake	0.01	0.34	34.38	825.04	859.77
		Grayson Lake	0:30	4.63	39.86	624.51	669.30
		Greenup Locks and Dam <ohio r=""></ohio>	0.00	0.00	553.70	1,355.60	1,909.30
		John W Flannagan Dam and Reservoir	0.15	1.39	42.03	378.27	421.85
		Leesville Lake	1.22	5.18	30.59	130.40	167.39
		London Locks and Dam <kanawha river=""></kanawha>	00.00	0.00	0.00	1.00	1.00
		Marmet Locks and Dam <kanawha river=""></kanawha>	00.00	0.00	00:00	68.20	68.20
							(Sheet 1 of 15)

Includes other overnight visits.

Notes: LRD = Great Lakes and Ohio River; MVD = Mississippi Valley; NAD = North Atlantic; NWD = Northwestern; POD = Pacific Ocean; SAD = South Atlantic; SPD = South Pacific; SWD = Southwestern.

Projects where surveys were conducted to create the spending profiles for this study.

Projects where the IMPLAN economic impact models have been built (Becker 1997).

Table E1	(Continued)						
Division	District	Project	Roafer	Campers	Boater	Day Users (inc. OVN)	Total
LRD (cont)	Huntington (cont)	Mohawk Dam	0.02	0.11	32.61	218.26	251.00
		Mohicanville Dam	0.00	0.00	0.00	12.78	12.78
		North Branch Kokosing River Lake	0.01	0.20	9.64	183.14	192.99
		North Fork of Pound River Lake	00:00	0.00	00:00	137.10	137.10
		Paint Creek Lake	0.54	12.86	34.05	817.26	864.70
		Paintsville Lake	0.00	00.00	112.78	692.78	805.56
		Piedmont Lake	00:00	00.00	36.72	138.15	174.87
		Pleasant Hill Lake	0.32	31.32	6.92	684.96	723.51
		R D Bailey Lake	90:0	0.79	44.61	592.65	638.10
		Racine Locks and Dam <ohio r=""></ohio>	00:00	0.00	41.75	84.76	126.50
		Robert C. Byrd Locks and Dam <ohio r=""></ohio>	00:00	00.00	18.41	58.29	76.70
		# Senecaville Lake	2.15	28.58	79.04	1,050.12	1,159.90
		# Summersville Lake	2.19	11.49	145.88	765.84	925.40
		Sutton Lake	0.37	8.83	21.86	524.64	555.70
		Tappan Lake	3.55	20.12	104.95	594.73	723.35
		Tom Jenkins Dam and Burr Oak Lake	0.23	7.49	14.08	455.11	476.90
		Willow Island Locks and Dam <ohio r=""></ohio>	0.00	00:00	62.08	220.12	282.20
		Wills Creek Lake	0.00	00:0	96.0	30.90	31.85
		Winfield Lock and Dam <kanawha river=""></kanawha>	0.00	00:00	68.83	336.07	404.90
		Yatesville Lake	0.00	00.00	65.65	299.05	364.70
	Louisville	!# Barren River Lake	3.34	22.38	194.07	1,298.80	1,518.60
		Brookville Lake	2.84	17.44	134.74	827.68	982.70
		Buckhorn Lake	0.13	1.75	20.91	277.81	300.60
		Caesar Creek Lake	2.06	16.63	145.66	1,178.55	1,342.90
		Cagles Mill Lake	99:0	15.93	9.34	224.07	250.00
		Cannelton Lock and Dam + Ohio River	0.00	0.00	2.30	43.70	46.00
		Carr Creek Lake	0.42	4.20	58.80	594.49	657.90
		Cave Run Lake	0.00	00:0	10.33	505.97	516.30
		# Cecil M. Harden Lake	3.06	17.34	212.76	1,205.64	1,438.80
		Clarence J Brown Dam and Reservoir	0.28	4.32	60.49	947.62	1,012.70
		Green River Lake	1.81	16.30	101.50	913.49	1,033.10
		Greenriver +2 Locks	0.00	00.00	1.89	25.11	27.00
		J. Edward Roush Lake	0.39	7.34	21.97	417.40	447.10
		John T. Myers Lock and Dam	0.00	0.00	9.27	176.13	185.40
							(Sheet 2 of 15)
		rests.					

Table E1	Table E1 (Continued)							
			4-		Campers	Day User	Day Users (inc. OVN)	Total
	District	Proj	Project	Boater	Nonboater	Boater	Nonboater	I Otal
LRD (cont)	Louisville (cont)		Kentucky River + 4 Locks	0.00	0.00	9.24	122.76	132.00
			Lock & Dam 52 + Ohio River	0.00	0.00	1.79	33.92	35.70
		<u></u>	Lock & Dam 53 + Ohio River	0.00	00.0	0.55	7.35	7.90
			Markland Lock and Dam + Ohio River	0.13	0:20	63.48	238.79	302.90
			Mcalpine Lock and Dam + Ohio River	00.00	0.00	15.07	236.03	251.10
			Mississinewa Lake	4.33	43.78	72.95	737.64	858.70
		#	Monroe Lake	6.33	28.85	211.34	962.77	1,209.30
			Newburgh Lock and Dam + Ohio River	00:00	0.00	34.64	460.26	494.90
		生	Nolin River Lake	3.06	12.23	416.94	1,667.77	2,100.00
			Patoka Lake	3.14	28.30	113.11	1,017.95	1,162.50
		#	Rough River Lake	3.13	19.22	279.69	1,718.07	2,020.10
			Salamonie Lake	36.58	420.69	547.23	6,293.19	7,297.70
		_	Smithland Lock and Dam + Ohio River	0.00	0.00	1.46	19.44	20.90
			Taylorsville Lake	00:00	0.00	201.33	917.17	1,118.50
			West Fork Of Mill Creek Lake	0.04	4.09	8.87	877.70	890.70
		#	William H Harsha Lake	4.38	21.40	174.90	853.92	1,054.60
	Nashville	共	Barkley Lock and Dam Lake Barkley	5.71	32.36	611.94	3,467.68	4,117.70
		共	Center Hill Lake	5.08	20.33	791.32	3,165.27	3,982.00
		#	Cheatham Lock and Dam	0.92	3.93	457.55	1,950.60	2,413.00
		#	Cordell Hull Dam and Reservoir	1.94	14.20	409.34	3,001.83	3,427.30
		#	Dale Hollow Lake	17.93	30.53	1,249.98	2,128.35	3,426.80
		#	J Percy Priest Dam and Reservoir	2.30	13.03	994.33	5,634.54	6,644.20
		#	Laurel River Lake	0.00	00.0	21.70	249.60	271.30
			Martins Fork Lake	00.00	00.00	27.30	133.30	160.60
			Old Hickory Lock and Dam	10.98	34.78	2,837.34	8,984.90	11,868.00
		#	Wolf Creek Dam Lake Cumberland	40.84	37.70	2,448.66	2,260.30	4,787.50
	Pittsburgh	<u></u>	Berlin Lake	6.40	11.88	155.65	289.07	463.00
			Conemaugh River Lake	0.00	0.00	8.30	95.50	103.80
			Crooked Creek Lake	0.10	0.85	38.52	311.63	351.10
			Dashields Locks and Dam <ohio river=""></ohio>	00:0	00.0	13.78	7.42	21.20
			East Branch Clarion River Lake	0.15	0.47	56.92	180.25	237.80
			Emsworth Locks and Dams <ohio river=""></ohio>	00:0	00.0	33.08	49.62	82.70
		ļ 	Gray's Landing Locks and Dam	0.00	00.00	2.80	1.51	4.30
								(Sheet 3 of 15)

Table E1	Table E1 (Continued)						
				Campers	Day Users		
DIVISION	_	Project	Boater	Nonboater	Boater	Nonboater	Total
LRD (cont)	Pittsburgh (cont)	Hannibal Locks and Dam <ohio river=""></ohio>	0.00	00.0	15.34	8.26	23.60
		Hildebrand Lock and Dam <monongahela river=""></monongahela>	0.00	00.00	4.80	1.60	6.40
		Kinzua Dam and Allegheny Reservoir	1.22	4.34	78.02	276.62	360.20
		Lock and Dam 2 <allegheny river=""></allegheny>	0.00	00.00	28.91	12.39	41.30
		Lock and Dam 3 <allegheny river=""></allegheny>	0.00	0.00	9.49	5.11	14.60
		Lock and Dam 4 <allegheny river=""></allegheny>	00.00	0.00	10.99	5.92	16.90
		Lock and Dam 5 <allegheny river=""></allegheny>	0.00	0.00	6.05	3.26	9:30
		Lock and Dam 6 <allegheny river=""></allegheny>	00:00	0.00	3.78	2.52	6.30
		Lock and Dam 7 <allegheny river=""></allegheny>	0.00	00:00	4.90	4.01	8.90
		Lock and Dam 8 <allegheny river=""></allegheny>	0.00	0.00	4.68	2.52	7.20
		Lock and Dam 9 <allegheny river=""></allegheny>	0.00	0.00	4.68	3.12	7.80
		Locks and Dam 2 <monongahela river=""></monongahela>	0.00	0.00	7.56	3.24	10.80
		Locks and Dam 3 <monongahela river=""></monongahela>	00.0	0.00	2.67	1.44	4.10
		Locks and Dam 4 <monongahela river=""></monongahela>	00.0	0.00	2.67	1.44	4.10
		Loyalhanna Lake	0.12	1.33	19.41	223.24	244.10
		Mahoning Creek Lake	0.58	2.85	8.17	39.90	51.50
		Maxwell Locks and Dam <monongahela river=""></monongahela>	0.00	0.00	90.9	4.04	10.10
		Michael J Kirwan Dam and Reservoir	1.40	4.68	56.70	189.82	252.60
		Montgomery Locks and Dam <ohio river=""></ohio>	0.00	0.00	13.65	7.35	21.00
		Morgantown Lock and Dam <monongahela river=""></monongahela>	00:00	0.00	1.05	1.05	2.10
		Mosquito Creek Lake	2.66	11.35	228.25	973.05	1,215.30
_		New Cumberland Locks and Dam <ohio river=""></ohio>	00.0	0.00	18.80	18.80	37.60
		Opekiska Lock and Dam <monongahela river=""></monongahela>	00.0	0.00	0.80	0.80	1.60
		Pike Island Locks and Dam <ohio river=""></ohio>	00:00	0.00	11.40	17.10	28.50
		Point Marion Lock and Dam <monongahela river=""></monongahela>	0.00	0.00	96.0	0.64	1.60
		# Shenango River Lake	6.81	16.67	179.81	440.22	643.50
		Stonewall Jackson Lake	99:0	1.28	132.79	257.77	392.50
		Tionesta Lake	0.77	8.85	34.02	391.26	434.90
		Tygart Lake	0.89	3.36	106.29	399.86	510.40
		Union City Dam	0.00	00:00	0.00	40.40	40.40
·		Woodcock Creek Lake	0.14	6.83	8.50	416.63	432.10
		Youghiogheny River Lake	1.55	8.80	101.03	572.52	683.90
							(Sheet 4 of 15)
				The state of the s		A STATE OF THE PERSON NAMED OF THE PERSON NAME	

Table E1	Table E1 (Continued)						
			Can	Campers	Day Users	Day Users (inc. OVN)	i di
Division	District	Project	Boater	Nonboater	Boater	Nonboater	I otal
MVD	Rock Island	Coralville Lake	8.65	20.19	379.97	886.59	1,295.40
		Farmdale Dam	00:00	0.00	00.00	41.30	41.30
		Illinois Waterway	0.00	00:00	0.00	128.00	128.00
		Lake Red Rock	6.61	66.85	108.64	1,098.49	1,280.60
		Mississippi River Pools 11-22 (10 L&D)	6.15	41.15	1,983.18	13,272.02	15,302.50
		i# Saylorville Lake	5.12	31.46	180.59	1,109.33	1,326.50
	St. Louis	ľ	8.97	43.78	487.97	2,382.46	2,923.19
•	_	# Clarence Cannon Dam and Mark Twain Lake	16.36	24.54	701.40	1,052.10	1,794.39
		# Lake Shelbyville	12.20	55.58	442.06	2,013.85	2,523.70
			15.74	33.44	768.72	1,633.52	2,451.42
		Rivers Project - Illinois River	0.00	00.0	205.95	382.48	588.43
		Rivers Project - Lower River	0.00	0.00	157.96	293.36	451.33
		Rivers Project - Upper River	0.05	0.07	1,296.32	1,944.48	3,240.92
		# Wappapello Lake	7.42	15.77	655.65	1,393.25	2,072.09
	St. Paul	Baldhill Dam Lake Ashtabula	1.57	2.78	57.91	102.94	165.20
		Eau Galle Flood Control Project	0.05	1.12	5.62	134.77	141.56
		Homme Lake	0.31	0.70	23.25	51.74	76.00
		Lac Qui Parle Lake	00.00	0.00	1.45	46.95	48.40
		Lake Traverse	0.00	00:00	41.64	97.16	138.80
		Mississippi River Headwaters Lakes Project	11.13	18.96	724.32	1,233.31	1,987.72
		Mississippi River Pool U+L St Anthony Falls	0.00	0.00	12.00	68.00	80.00
		Mississippi River Pool No 1	0.00	00.0	20.02	80.08	100.10
		Mississippi River Pool No 2	00.00	00.0	221.67	270.93	492.60
		Mississippi River Pool No 3	0.00	0.00	497.82	331.88	829.70
		Mississippi River Pool No 4	06:0	0:30	1,021.27	340.42	1,362.90
		Mississippi River Pool No 5	6.02	2.58	265.30	113.70	387.60
		Mississippi River Pool No 5a	0.00	00:00	259.44	172.96	432.40
		Mississippi River Pool No 6	00'0	0.00	351.46	189.25	540.70
		Mississippi River Pool No 7	0.00	00.0	301.02	129.01	430.03
		Mississippi River Pool No 8	16.94	9.12	673.75	362.79	1,062.60
		Mississippi River Pool No 9	3.02	1.01	518.38	172.79	695.20
		Mississippi River Pool No 10	00.0	0.00	585.20	315.11	900.30
		Orwell Lake	00:0	00.00	2.63	23.67	26.30
							(Sheet 5 of 15)

Table E1	Table E1 (Continued)							
Oisinio	, i.i.				Campers	Day Users	Day Users (inc. OVN)	
DIVISION	DISTRICT		Project	Boater	Nonboater	Boater	Nonboater	l otal
MVD (cont) Vicksburg	Vicksburg	#	Arkabutla Lake	1.59	7.25	177.40	808.16	994.40
			Bayou Bodcau Reservoir	0.01	0.03	28.43	161.13	189.60
			Caddo Lake	0.00	0.00	0:30	29.80	30.10
		#	Degray Lake	16.01	48.04	582.14	1,746.41	2,392.60
			Enid Lake	4.31	11.09	215.46	554.03	784.90
		#	Grenada Lake	0.84	2.51	484.21	1,452.64	1,940.20
		L	Lake Greeson	4.70	15.73	93.65	313.52	427.60
		#	Lake Ouachita	11.59	32.99	306.52	872.40	1,223.50
			Ouachita-Black Rivers (4 L&D, Calion Pool)	00:0	0.00	28.75	91.05	119.80
			Ouachita-Black Rivers (4 L&D, Columbia Pool)	0.00	00:00	112.44	191.46	303.90
			Ouachita-Black Rivers (4 L&D, Felsenthal Pool)	5.32	3.12	110.85	65.10	184.40
			Ouachita-Black Rivers (4 L&D, Jonesville Pool)	00:0	0.00	72.24	307.96	380.20
			Pearl River (3 Locks and Dams)	00.0	0.00	41.60	166.40	208.00
7			Red River Waterway (5 Locks & Dams)	00.0	0.00	9.83	186.77	196.60
		#	Sardis Lake	0.56	1.14	506.19	1,027.71	1,535.60
			Wallace Lake	00.00	0.00	00.00	16.80	16.80
NAD	Baltimore		Almond Lake	1.68	3.57	86.29	183.36	274.90
			Alvin R Bush - Kettle Creek	1.69	2.64	47.22	73.85	125.40
			Aylesworth Creek Lake	00.00	0.00	00.00	2.70	2.70
			Cowanesque Lake	2.63	6.14	26.50	61.83	97.10
			Curwensville Lake	06.0	1.82	11.84	24.04	38.60
			East Sidney Lake	1.60	3.11	3.40	09:9	14.70
			Foster Joseph Sayers Dam	3.24	6.88	133.76	284.23	428.10
			Jennings Randolph Lake	0.62	1.78	19.21	54.68	76.30
		#	Raystown Lake	8.70	22.37	285.72	734.71	1,051.50
			Tioga-Hammond Lakes	96.0	12.69	12.72	168.94	195.30
			Whitney Point	1.68	3.57	32.21	68.44	105.90
	New England		Ball Mountain Lake	0.00	5.90	00.0	47.30	53.20
			Barre Falls Dam	0.00	0.00	1.26	124.25	125.50
. 1 - 1.			Birch Hill Dam	0.41	7.86	22.59	429.14	460.00
			Black Rock Lake	0.00	00.0	0.73	72.27	73.00
			Blackwater Dam	0.00	00.00	1.15	27.65	28.80
			Buffumville Lake	0.00	00.00	10.04	101.56	111.60
								(Sheet 6 of 15)

Campers Boate Nonboater Boate 30.11 11 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 0.00 0.00	Notice Project Cample	lable E1	(continued)					1000	
Cape Cod Canal	Control	Division	District	Project		mpers Nonboater	Boater	S (Inc. OVN)	Total
(cont) Charles River Natural Valley Storage Project 0.00 0.00 Conat Brook River Lake 0.00 0.00 0.00 Conat Brook Lake 0.00 0.00 0.00 Edward Macdowell Lake 0.00 0.00 0.00 Hancock Brook Lake 0.00 0.00 0.00 Hopkinton-Everett Lake 0.00 0.00 0.00 Mansfald Hollow Lake 0.00 0.00 0.00 North Harland Lake 0.00 0.00 0.00 North Springfield Lake 0.00 0.00 0.00 Otter Springfield Lake 0.00 0.00 0.00 North Springfield Lake 0.00 0.00 0.00 Otter Springfield Lake 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Townshend Lake	(cont) Charles River Natural Valley Storage Project 0,00 0,00 9,31 Cocharlox River Lake 0,00 0,00 0,00 0,00 0,00 Cocharl Brown Readowell Lake 0,00 0,00 0,00 1,564 1,564 Franklin Falls Dam 0,00 0,00 0,00 1,85 1,70 Hodges Village Dam 0,00 0,00 0,00 1,70 1,70 Hodges Village Dam 0,00 0,00 0,00 1,70 1,70 Hodges Village Dam 0,00 0,00 0,00 0,00 1,70 Hodges Village Dam 0,00 0,00 0,00 1,70 1,70 Hodges Village Dam 0,00 0,00 0,00 1,75 1,70 Hopkinton-Event Lake 0,00 0,00 0,00 1,14,58 0,00 North Harland Lake 0,00 0,00 0,00 0,00 0,00 North Harland Lake 0,00 0,00 0,00 0,00 0,00 Tully Lake	VAD (cont)	New England	Cape Cod Canal	0.93	30.11	112.62	3,641.44	3,785.10
Colebrook River Lake 0.00 0.00 Connant Brook Dam 0.00 0.00 East Brimfield Lake 0.00 0.00 Edward Macdowell Lake 0.00 0.00 Franklin Falls Dam 0.00 0.00 Hancock Brook Lake 0.00 0.00 Hop Brook Lake 0.00 0.00 Hopkinton-Everett Lake 0.00 0.00 Knightille Dam 0.00 0.00 Knightille Dam 0.00 0.00 Knightille Dam 0.00 0.00 Knightille Lake 0.00 0.00 North Hartland Lake 0.00 0.00 North Springfield Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Tuily Lake 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.00 0.00 West Thompson Lake 0.00 0.00	Colebrook River Lake 0.00 0.00 19.58 1 Conant Brook Dam 0.00 0.00 0.00 1.00 1.00 East Brimfeld Lake 0.00 0.00 1.564 1.56		(cont)		0.00	0.00	9.31	39.69	49.00
Conant Brook Dam 0.00 0.00 East Brimfield Lake 0.00 0.00 Edward Macdowell Lake 0.00 0.00 Franklin Falls Dam 0.00 0.00 Hodges Village Dam 0.00 0.00 Hopkinton-Everat Lake 0.00 0.00 Hopkinton-Everat Lake 0.00 0.00 Knightwille Dam 0.00 0.00 Ititlaville Lake 0.00 0.00 North Harland Lake 0.00 0.00 North Springfield Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Tommaston Dam 0.00 0.00 Tommaston Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Dam 0.00	Conant Brook Dam 0.00 0.00 15.64 7 East Brinfield Lake 0.00 0.00 1.564 1.564 Franklin Falls Dam 0.00 0.00 3.42 1.85 Franklin Falls Dam 0.00 0.00 1.15 1.10 Hodges Village Dam 0.00 0.00 0.10 1.17 Hodges Village Dam 0.00 0.00 1.17 1.17 Hodges Village Dam 0.00 0.00 1.17 1.17 Hodges Village Dam 0.00 0.00 1.17 1.17 Hodges Village Dam 0.00 0.00 0.00 1.15 1.17 Knightviller Bare 0.00 0.00 0.00 0.00 0.00 0.00 North Springlied Lake 0.00 0.00 0.00 0.00 0.00 0.00 North Springlied Lake 0.00 0.00 0.00 0.00 0.00 0.00 Tourist Springlied Lake 0.00 0.00 0.00 0.00 0.00			Colebrook River Lake	0.00	00.00	19.58	110.93	130.50
East Brimfield Lake 0.00 0.00 Edward Macdowell Lake 0.00 0.00 Franklin Falls Dam 0.00 0.00 Hancock Brook Lake 0.00 0.00 Hop Brook Lake 0.00 0.00 Hop Brook Lake 0.00 0.00 Hop Brook Lake 0.00 0.00 Knightwile Dam 0.00 0.00 Ititleville Lake 0.00 0.00 North Harland Lake 0.00 0.00 North Springfield Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Trilly Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam-Lake Moomaw 0.00 0.00 West Hill Dam-Lake Moomaw 0.00 0.00 Ganal Ganal 0.00 0.00 Ganal Ganal 0.00 0.00 Ganal 0.00	East Brimfield Lake 0.00 0.00 15.64 7.85 Edward Macdowell Lake 0.00 0.00 1.85 7.82 7.73 8.82 7.73 8.82			Conant Brook Dam	0.00	00.0	00.00	26.60	26.60
Edward Macdowell Lake 0.00 0.00 Franklin Falls Dam 0.00 0.00 Hancock Brook Lake 0.00 0.00 Hodges Village Dam 0.00 0.00 Hopkinton-Everett Lake 0.00 0.00 Hopkinton-Everett Lake 0.00 0.00 Kriightville Dam 0.00 0.00 Mansfield Hollow Lake 0.00 0.00 North Springfield Lake 0.00 0.00 North Hartland Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Truly Lake 0.00 0.00 Truly Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Dam 0.00 0.00	Edward Macdowell Lake 0.00 0.00 1.85 Franklin Falls Dam 0.00 0.00 1.85 Hancock Barber 0.00 0.00 1.70 Hodges Village Dam 0.00 0.00 1.70 Hop Brook Lake 0.00 0.00 1.75 Hopkinton-Everett Lake 0.00 0.00 1.78 Kniightwille Dam 0.02 0.00 0.00 Interville Lake 0.00 0.00 0.00 North Harland Lake 0.00 0.00 0.00 North Springfield Lake 0.00 0.00 0.00 North Sury Mourtain Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Sury Mourtain Lake 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 West Thompson Lake 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00 <td></td> <td></td> <td>East Brimfield Lake</td> <td>0.00</td> <td>00.00</td> <td>15.64</td> <td>114.66</td> <td>130.30</td>			East Brimfield Lake	0.00	00.00	15.64	114.66	130.30
Franklin Falls Dam 0.00 0.00 Hancock Brook Lake 0.00 0.00 Hodges Village Dam 0.00 0.00 Hop Brook Lake 0.00 0.00 Kinghinton-Everett Lake 0.00 0.00 Kinghille Dam 0.00 0.00 Mansfield Hollow Lake 0.00 0.00 North Hartland Lake 0.00 0.00 North Springfield Lake 0.00 0.00 North Springfield Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Townshed Lake 0.00 0.00 Townshend Lake 0.00 0.00 Tuliy Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Thompson Lake 0.00 0.00 West Thing Lake 0.00 0.00 Westwille Lake 0.00 0.00 Canal Canal 0.00 0.00 Canal Canal 0.00 0.00 Beltzville Lake 0.00	Franklin Falls Dam 0.00 0.00 1.85 Hancock Brook Lake 0.00 0.00 0.01 Hencock Brook Lake 0.00 0.00 0.00 1.70 Hop Brook Lake 0.00 0.00 0.00 10.57 Hop Brook Lake 0.00 0.00 0.00 0.082 Knightville Dam 0.00 0.00 0.00 0.00 0.00 Knightville Lake 0.00 0.00 0.00 0.00 0.00 North Harland Lake 0.00 0.00 0.00 0.00 Thomaston Dam 0.00 0.00 0.00 0.00 Thomaston Dam 0.00 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00 0.00 West Hill Dam Lake Moomaw 0.00 0.00 0.00 0.00 West Hill Dam Lake Moomaw 0.00 0.00 0.00 0.00 Harland Belie Marsh Lake 0.00 0.00 0.00 0.00 0.00 Harland Belie Marsh Lake 0.00 0.00 0.00 0.00 0.00 Harland Belie Marsh Lake 0.00 0.00 0.00 0.00 0.00 Harland Belie Marsh Lake 0.00 0			Edward Macdowell Lake	0.00	0.00	3.42	53.58	27.00
Hancock Brook Lake 0.00 0.00 Hodges Village Dam 0.00 0.00 Hop Brook Lake 0.00 0.00 Knightwille Dam 0.00 0.00 Knightwille Lake 0.00 0.00 Mansfield Lake 0.00 0.00 North Harland Lake 0.00 0.00 North Springfield Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Townshend Lake 0.00 0.00 Tully Lake 0.00 0.00 West Thompson Lake 0.00 0.00 West Till Dam West Thompson Lake 0.00 0.00 West Till Dam West West West Thompson Lake 0.00 0.00 West West West West West West Moomaw 0.00 0.00 0.00 Alw Albermarle and Ches and Dismal	Hancock Brook Lake 0.00 0.00 0.10 Hodges Village Dam 0.00 0.00 1.70 Hodges Village Dam 0.00 0.00 1.70 Hopkinton-Everet Lake 0.00 0.00 20.82 Kriightville Dam 0.00 0.00 6.37 Mansfield Hollow Lake 0.00 0.00 114.98 North Harland Lake 0.00 0.00 0.00 North Harland Lake 0.00 0.00 0.00 North Harland Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Thomaston Dam 0.00 0.00 0.00 Tuliy Lake 0.00 0.00 0.00 Union Village Dam 0.00 0.00 0.00 West Thompson Lake 0.00 0.00 0.00 West Thompson Lake 0.00 0.00 0.00			Franklin Falls Dam	0.00	00:00	1.85	35.15	37.00
Hodges Village Dam 0.00 0.00 Hop Brook Lake 0.00 0.00 Hop Brook Lake 0.00 0.00 Knightwille Dam 0.02 0.78 Littleville Lake 0.00 0.00 Mansfleid Hollow Lake 0.00 0.00 North Springfleid Lake 0.00 0.00 North Springfleid Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Trully Lake 0.00 0.00 West Hill Dam 0.00 0.00 West	Hodges Village Dam 0.00 0.00 1.70 Hop Brook Lake 0.00 0.00 10.57 Hop kindon-Everett Lake 0.00 0.00 20.82 Krightville Dam 0.00 0.00 0.00 Litteville Lake 0.00 0.00 114.98 North Hartland Lake 0.00 0.00 114.98 North Springfield Lake 0.00 0.00 0.00 North Marsifield Brook Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Surry Mountain Lake 0.00 0.00 0.00 Thomaston Dam 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00			Hancock Brook Lake	0.00	00.00	0.10	10.00	10.10
Hop Brook Lake 0.00 0.00 Hopkinton-Everett Lake 0.00 0.00 Knightville Dam 0.02 0.78 Littleville Lake 0.00 0.00 Mansfield Hollow Lake 0.00 0.00 North Hartland Lake 0.00 0.00 North Springfield Lake 0.00 0.00 North Springfield Lake 0.00 0.00 Sury Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Tully Lake 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.00 0.00 West Thompson Lake 0.00 0.00 West West Wille Lake 0.00 0.00 Alw Albemarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Gathrille Lake 0.00 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 <td>Hop Brook Lake 0.00 0.00 10.57 Hopkinton-Everatt Lake 0.00 0.00 20.82 Krightwille Dam 0.02 0.78 0.76 Littleville Lake 0.00 0.00 0.00 Mansfield Lake 0.00 0.00 114.38 North Harfland Lake 0.00 0.00 0.00 North Springfleid Lake 0.00 0.00 0.00 North Springfleid Lake 0.00 0.00 0.00 North Springfleid Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Surry Mountain Lake 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00</td> <td></td> <td></td> <td>Hodges Village Dam</td> <td>00:00</td> <td>00:00</td> <td>1.70</td> <td>83.30</td> <td>85.00</td>	Hop Brook Lake 0.00 0.00 10.57 Hopkinton-Everatt Lake 0.00 0.00 20.82 Krightwille Dam 0.02 0.78 0.76 Littleville Lake 0.00 0.00 0.00 Mansfield Lake 0.00 0.00 114.38 North Harfland Lake 0.00 0.00 0.00 North Springfleid Lake 0.00 0.00 0.00 North Springfleid Lake 0.00 0.00 0.00 North Springfleid Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Surry Mountain Lake 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00			Hodges Village Dam	00:00	00:00	1.70	83.30	85.00
Knightville Dam 0.00 0.00 Knightville Dam 0.02 0.78 Littleville Lake 0.00 0.00 Mansfield Hollow Lake 0.00 0.00 North Hartland Lake 0.00 0.00 North Springfield Lake 0.00 0.00 North Fland Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Townshand Lake 0.00 0.00 Tully Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 AlW Albernarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Beltzville Lake 0.00 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00	Hopkinton-Everett Lake 0.00 0.00 20.82 3.76 Krightville Dam 0.02 0.78 0.76 0.76 Littleville Lake 0.00 0.00 114.98			Hop Brook Lake	00.00	00.00	10.57	140.43	151.00
Knightville Dam 0.02 0.78 Littleville Lake 0.00 0.00 Mansfield Hollow Lake 0.00 0.00 North Hartland Lake 0.00 2.39 North Springfield Lake 0.00 0.00 Northfield Brook Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.00 0.00 West Thompson Lake 0.00 0.00 West Thompson Lake 0.00 0.00 West West Malbemarle and Ches and Dismal Swamp 0.00 0.00 Galthright Dam-Lake Moomaw 0.00 0.00 Galthright Dam-Lake Moomaw 0.00 0.00 Blue Marsh Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 Francis E Wal	Knightville Dam 0.02 0.78 0.76 Litteville Lake 0.00 0.00 144.98 - North Hartland Lake 0.00 0.00 114.98 - North Hartland Lake 0.00 0.00 0.00 0.00 North Hartland Lake 0.00 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 0.00 Surry Mountain Lake 0.00 0.00 0.00 0.00 Thomaston Dam 0.00 0.00 0.00 0.00 Truly Lake 0.00 0.00 0.00 0.00 Union Village Dam 0.00 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00 0.00 West Thompson Lake 0.00 0.00 0.00 0.00 West Thompson Lake 0.00 0.00 0.00 0.00 Gathright Dam-Lake Moomaw 0.00 0.00 0.00 0.00 Francis E Walter Dam 0.00 0			tt La	00.00	00.00	20.82	395.49	416.30
Littleville Lake 0.00 0.00 Mansfield Hollow Lake 0.00 0.00 North Hartland Lake 0.00 0.00 North Springfield Lake 0.00 0.00 North Springfield Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.00 0.00 West Memarle and Ches and Dismal Swamp 0.00 0.00 Canal 0.00 0.00 0.00 Gathright Dam-Lake Moomaw 0.00 0.00 0.00 Blue Marsh Lake 0.00 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 WWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Littleville Lake 0.00 0.00 114.98 4 Mansfield Hollow Lake 0.00 0.00 114.98 4 North Hartland Lake 0.00 0.00 0.00 0.00 North Springfield Lake 0.00 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 0.00 Sury Mountain Lake 0.00 0.00 0.00 0.00 Townshord Lake 0.00 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 0.00 West Hill Dam West Hill Dam 0.00 0.00 0.00 0.00 West Hill Dam West Hill Dam 0.00 0.00 0.00 0.00 0.00 West Hill Dam West Hill Dam 0.00 0.00 0.00 0.00 0.00 West Hill Dam West Hill Dam 0.00 0.00 0.00 0.00 0.00 West Hill Dam West Hill Dam 0.00 0.00 0.00 0.00		-	Knightville Dam	0.02	0.78	0.76	24.64	26.20
Mansfield Hollow Lake 0.00 0.00 North Hartland Lake 0.00 2.39 North Springfield Lake 0.00 0.00 Northfield Brook Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Tully Lake 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.00 0.00 Westville Lake 0.00 0.00 AlW Albernarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Beltzville Lake 0.00 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 # Francis E Walter Dam 0.00 0.00 0.00 WWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Mansfield Hollow Lake 0.00 0.00 114.98 4 North Hartland Lake 0.00 2.39 0.00			Littleville Lake	00:00	00.00	6.37	39.13	45.50
North Hartland Lake 0.00 2.39 North Springfield Lake 0.00 0.00 Northfield Brook Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Tully Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.36 1.19 Westville Lake 0.00 0.00 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 # Francis E Walter Dam 0.00 0.00 0.00 WWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	North Hartland Lake 0.00 2.39 0.00 North Springfield Lake 0.00 0.00 0.00 Northfield Brook Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Surry Mountain Lake 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 Union Village Dam 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00 West Ville Lake 0.00 0.00 0.00 Alva Abernarte and Ches and Dismal Swamp 0.00 0.00 0.00 Gathright Dam-Lake Moomaw 0.00 0.00 0.00 142.87 # Blue Marsh Lake 0.00 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 176.91 176.91 Hww Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 135.68			Mansfield Hollow Lake	00.00	00.00	114.98	459.92	574.90
North Springfield Lake 0.00 0.00 Northfield Brook Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Valiede Dam 0.00 0.00 West III Dam 0.00 0.00 West III Dam 0.00 0.00 West III Lake 0.00 0.00 AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 Canal 0.00 0.00 Eartzville Lake 0.00 0.00 Beltzville Lake 0.00 0.00 Francis E Walter Dam 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	North Springfield Lake 0.00 0.00 0.00 Northfield Brook Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 Surry Mountain Lake 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 Union Village Dam 0.00 0.00 0.00 West Hill Dam 0.00 0.00 0.00 West Hill Dam 0.00 0.00 1.14 West Hill Dam 0.00 0.00 1.11 West Hill Dam 0.00 0.00 1.11 West Hill Dam 0.00 0.00 1.11 AlW Albermarle and Ches and Dismal Swamp 0.00 0.00 142.87 Gathright Dam-Lake Moomaw 0.00 0.00 142.87 # Blue Marsh Lake 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 <td< td=""><td></td><td></td><td>North Hartland Lake</td><td>0.00</td><td>2.39</td><td>0.00</td><td>27.40</td><td>29.79</td></td<>			North Hartland Lake	0.00	2.39	0.00	27.40	29.79
Northfield Brook Lake 0.00 0.00 Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Tully Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.00 0.00 West Thompson Lake 0.00 0.00 Westyille Lake 0.00 0.00 AlW Albernarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Gathright Dam-Lake Moomaw 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 WWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Northfield Brook Lake 0.00 0.00 0.00 Otter Brook Lake 0.00 0.00 0.00 0.00 Surry Mountain Lake 0.00 0.00 0.00 0.00 0.00 Thomaston Dam 0.00 0.00 0.00 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 0.00 0.00 0.00 West Hill Dam West Hill Dam 0.00 0.00 0.00 0.00 0.00 West Ville Lake 0.00 0.00 0.00 1.14 1.19 21.79 West Ville Lake 0.00 0.00 0.00 1.11 1.11 1.11 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 0.00 1.11 1.11 1.11 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 0.00 1.11 1.11 1.11 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 0.00 1.15 1.15 Francis E Walfer Dam Francis E Walfer Dam			North Springfield Lake	00:00	0.00	00:00	33.20	33.20
Otter Brook Lake 0.00 0.00 Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Lake 0.00 0.00 AIW Albernarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Beltzville Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Otter Brook Lake 0.00 0.00 0.00 Surry Mountain Lake 0.00 0.00 0.00 Thomaston Dam 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 Union Village Dam 0.00 0.00 0.00 West Hill Dam 0.00 0.00 1.42 West Hill Dam 0.00 0.00 1.42 West Hill Dam 0.00 0.00 1.42 West Inompson Lake 0.00 0.00 1.11 Westville Lake AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 1.11 Canal Gathright Dam-Lake Moomaw 0.00 0.00 1.42.87 # Blue Marsh Lake Beltzville Lake 0.00 0.00 1.42.87 # Blue Marsh Lake 0.00 0.00 1.42.87 Hand Marsh Lake Francis E Walter Dam 0.00 0.00 1.41.65 Hand Marsh Lake Francis E Walter Dam 0.00			Northfield Brook Lake	0.00	00.00	0.00	40.70	40.70
Surry Mountain Lake 0.00 0.00 Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Hill Dam 0.00 0.00 Westville Lake 0.00 0.00 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Beltzville Lake 0.00 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Surry Mountain Lake 0.00 0.00 0.00 Thomaston Dam 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 Union Village Dam 0.00 0.00 0.00 West Hill Dam 0.00 0.00 1.42 West Thompson Lake 0.00 0.00 1.11 Westville Lake 0.00 0.00 1.11 AlW Albemarte and Ches and Dismal Swamp 0.00 0.00 1.11 Canal Gathright Dam-Lake Moomaw 0.00 0.00 1.42.87 # Blue Marsh Lake 0.00 0.00 1.42.87 # Francis E Walter Dam 0.00 0.00 1.76.91 Francis E Walter Dam 0.00 0.00 1.42.87 Prompton Lake 0.00 0.00 0.00 1.42.87			Otter Brook Lake	00:00	0.00	0.00	48.73	48.73
Thomaston Dam 0.00 0.00 Townshend Lake 0.00 0.00 Union Village Dam 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.36 1.19 Westville Lake 0.00 0.00 AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Beltzville Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00	Thomaston Dam 0.00 0.00 0.00 Townshend Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 Union Village Dam 0.00 0.00 0.00 West Hill Dam 0.00 0.00 1.42 West Thompson Lake 0.36 1.19 21.79 West West Thompson Lake 0.00 0.00 1.11 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 1.11 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 142.87 Gathright Dam-Lake Moomaw 0.00 0.00 142.87 # Blue Marsh Lake 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 142.87 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 141.65 Prompton Lake 0.00 0.00 0.00 33.68			Surry Mountain Lake	00:00	00:00	0.00	89.53	89.53
Townshend Lake 0.00 0.00 Tully Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.36 1.19 Westville Lake 0.00 0.00 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Phia Blue Marsh Lake 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Townshend Lake 0.00 0.00 0.00 Tully Lake 0.00 0.00 0.00 0.00 Union Village Dam 0.00 0.00 0.00 0.00 West Hill Dam 0.00 0.00 1.42 1.42 West Hill Dam 0.00 0.00 1.14 21.79 1.14 West Hill Dam AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 1.11 21.79 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 0.00 73.38 1.11 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 0.00 73.38 1.11 AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 0.00 142.87 1.12 Beltzville Lake Beltzville Lake 0.00 0.00 0.00 141.65 1.14 # Blue Marsh Lake Francis E Walter Dam 0.00 0.00 141.65 1.16 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 133.68 1.16			Thomaston Dam	00.0	00:00	00'0	102.80	102.80
Tully Lake 0.00 0.00 Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.36 1.19 Westville Lake 0.00 0.00 AIW Albernarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Phia Beltzville Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Tully Lake 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1.42			Townshend Lake	00:0	00:00	0.00	40.68	40.68
Union Village Dam 0.00 0.00 West Hill Dam 0.00 0.00 West Thompson Lake 0.36 1.19 Westville Lake 0.00 0.00 AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 Ganal 0.00 0.00 Gathright Dam-Lake Moomaw 0.00 0.00 phia Beltzville Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Union Village Dam 0.00 0.00 0.00 West Hill Dam 0.00 0.00 1.42 West Thompson Lake 0.36 1.19 21.79 Westville Lake 0.00 0.00 1.11 AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 73.38 Canal Canal 0.00 0.00 142.87 Beltzville Lake 0.00 0.00 142.87 Habia # Blue Marsh Lake 0.00 0.00 176.91 Habia # Francis E Walter Dam 0.00 0.00 176.91 Habia WWV Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 136.50 Habia Prompton Lake 0.00 0.00 0.00 33.68 136.50			Tully Lake	00.00	00:00	69.0	16.61	17.30
West Hill Dam 0.00 0.00 West Thompson Lake 0.36 1.19 Westville Lake 0.00 0.00 AlW Albernarle and Ches and Dismal Swamp 0.00 0.00 Canal 0.00 0.00 Gathright Dam-Lake Moomaw 0.00 0.00 phia Beltzville Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	West Hill Dam 0.00 0.00 1.42 West Thompson Lake 0.36 1.19 21.79 Westville Lake 0.00 0.00 1.11 AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 73.38 Canal 0.00 0.00 73.38 Seltzville Lake 0.00 0.00 142.87 # Blue Marsh Lake 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 176.91 IWWV Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 136.50 Prompton Lake 0.00 0.00 33.68 1			Union Village Dam	0.00	0.00	0.00	25.41	25.41
West Thompson Lake 0.36 1.19 Westville Lake 0.00 0.00 AIW Albernarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Iphia Beltzville Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 Francis E Walter Dam 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	West Thompson Lake 0.36 1.19 21.79 Westville Lake 0.00 0.00 1.11 AIW Albernarle and Ches and Dismal Swamp 0.00 0.00 73.38 Canal Gathright Dam-Lake Moomaw 0.00 0.00 142.87 Prancis E Walter Dam 0.00 0.00 142.87 176.91 Francis E Walter Dam 0.00 0.00 141.65 176.91 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 136.50 176.50 Prompton Lake 0.00 0.00 33.68 186.50 186.50			West Hill Dam	00.00	0.00	1.42	69.58	71.00
Westville Lake 0.00 0.00 AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 Iphia Beltzville Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Westville Lake 0.00 0.00 1.11 AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 73.38 Canal Gathright Dam-Lake Moomaw 0.00 0.00 0.00 142.87 phia Beltzville Lake 0.00 0.00 142.87 142.87 # Blue Marsh Lake 0.00 0.00 176.91 176.91 Francis E Walter Dam 0.00 0.00 141.65 176.51 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 136.50 Prompton Lake 0.00 0.00 33.68 1			West Thompson Lake	0.36	1.19	21.79	72.96	96.30
AlW Albemarle and Ches and Dismal Swamp 0.00 0.00 Canal Gathright Dam-Lake Moomaw 0.00 0.00 phia Beltzville Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 Francis E Walter Dam 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	AIW Albemarle and Ches and Dismal Swamp 0.00 0.00 73.38 Canal Gathright Dam-Lake Moomaw 0.00 0.00 142.87 phia Beltzville Lake 0.00 0.00 142.87 # Blue Marsh Lake 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 141.65 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 136.50 Prompton Lake 0.00 0.00 33.68 1			Westville Lake	00.00	0.00	1.11	54.59	55.70
Gathright Dam-Lake Moomaw 0.00 0.00 Beltzville Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 Francis E Walter Dam 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Gathright Dam-Lake Moomaw 0.00 0.00 0.00 Beltzville Lake 0.00 0.00 142.87 # Blue Marsh Lake 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 141.65 IWWV Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 136.50 Prompton Lake 0.00 0.00 33.68 136.50		Norfolk	AIW Albemarle and Ches and Dismal Swamp Canal	0.00	0.00	73.38	220.13	293.50
Beltzville Lake 0.00 0.00 # Blue Marsh Lake 0.00 0.00 Francis E Walter Dam 0.00 0.00 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00	Beltzville Lake 0.00 0.00 142.87 # Blue Marsh Lake 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 141.65 IWW Delaware R to Chesapeake Bay C + D Canal 0.00 0.00 136.50 Prompton Lake 0.00 0.00 33.68			ght Dam-Lake	00.0	00.0	0.00	34.30	34.30
# Blue Marsh Lake 0.00 0.00 0.00 Francis E Walter Dam 0.00 0.00 0.00 0.00	# Blue Marsh Lake 0.00 0.00 176.91 Francis E Walter Dam 0.00 0.00 141.65 IWW Delaware R to Chesapeake Bay C + D Canal Prompton Lake 0.00 0.00 33.68		Philadelphia	Beltzville Lake	00:00	0.00	142.87	265.33	408.20
Canal 0.00 0.00 0.00	0.00 0.00 141.65 Canal 0.00 0.00 136.50 0.00 0.00 33.68				00.00	00.0	176.91	359.18	536.09
Canal 0.00 0.00	Canal 0.00 0.00 136.50 7 0.00 0.00 33.68 7			Francis E Walter Dam	00:00	0.00	141.65	141.65	283.30
	0.00 0.00 33.68			IWW Delaware R to Chesapeake Bay C + D Canal	00.0	0.00	136.50	73.50	210.00
00.0 00.0				Prompton Lake	00.00	0.00	33.68	8.42	42.10

Table E1	(Continued)							
Division	District	P	project		Campers	Day Users	Day Users (inc. OVN)	Total
	District	╧╢		Boater	Nonboater	Boater	Nonboater	l Otal
DWN N	Kansas City		Blue Springs Lake	0.33	2.97	29.45	265.05	297.80
			Clinton Lake	4.01	18.25	148.04	674.40	844.70
· · · ·			Harlan County Lake	2.42	6.55	134.12	362.61	505.70
		#	Harry S Truman Dam and Reservoir	24.43	13.74	1,000.79	562.94	1,601.90
			Hillsdale Lake	5.67	6.93	99.44	121.54	233.59
			Kanopolis Lake	1.73	8.45	29.99	146.42	186.60
			Long Branch Lake	0.46	2.24	47.09	229.91	279.70
			Longview Lake	0.58	4.66	79.46	642.90	727.60
			Melvern Lake	6.94	17.84	83.56	214.86	323.20
		#	Milford Lake	3.83	13.58	100.32	355.67	473.40
			Perry Lake	8.03	18.73	219.67	512.55	758.97
		#	Pomme De Terre Lake	15.26	18.65	749.82	916.45	1,700.18
			Pomona Lake	6.10	18.29	124.35	373.06	521.80
		#	Rathbun Lake	3.85	21.80	79.88	452.67	558.20
		#	Smithville Lake	17.72	31.51	381.81	678.77	1,109.80
		#	Stockton Lake	7.42	14.40	366.28	711.00	1,099.10
			Tuttle Creek Lake	0.10	1.59	39.80	623.60	665.10
	-		Wilson Lake	4.01	9.35	48.07	112.17	173.60
	Omaha			0.17	3.17	16.01	304.16	323.50
		#	Big Bend Dam Lake Sharpe	2.17	9.27	227.00	967.75	1,206.20
			Bluestem Lake	0.20	09:0	3.65	10.95	15.40
			Bowman Haley Lake	60:0	0.59	4.18	27.94	32.80
			Branched Oak Lake	3.48	8.12	50.31	117.39	179.30
		#	Chatfield Lake	0.89	6.56	201.15	1,475.10	1,683.70
		#	Cherry Creek Lake	0.39	5.14	217.01	2,883.07	3,105.60
			Cold Brook Lake	0.00	0.15	0.00	35.45	35.60
			Conestoga Lake	0.49	1.32	98.9	18.53	27.20
			Cottonwood Springs Lake	0.00	0:30	00.00	09:9	6.90
			Fort Peck Project	2.66	3.39	137.30	174.75	318.10
			Fort Randall Dam Lake Francis Case	3.04	13.86	148.32	675.68	840.90
			Garrison Dam Lake Sakakawea	18.17	27.26	469.19	703.78	1,218.40
		#	Gavins Point Project	5.97	53.77	154.42	1,389.74	1,603.90
			Glenn Cunningham Lake	0.29	2.65	14.08	126.68	143.70
								(Sheet 8 of 15)

NWD (cord) Campaire (cord) Project (cord) Campaire (cord) Population (cord) Inchinate (cord) Cord (cord)	Table E1	(Continued)							
Project Boater Nonboater Boater Nonboater Inchipater Nonboater Inchipater Nonboater Inchipater Nonboater Inchipater			_		Can	npers	Day Users	(inc. OVN)	
# Holmes Lake 0.00 0.00 15,73 377.57 Pulped Dami Lake Oathe 7.87 20.24 424.53 1,091.66 Polive Creek Lake 0.02 1.88 0.60 4.37 Pawnee Lake 0.07 1.09 4.78 74.86 Polive Creek Lake 0.07 1.09 4.78 74.86 Sile 10 Varkee Hill Lake Saltzreek Tributary 0.07 1.09 2.22 14.87 Singeroach Lake 0.00 0.00 2.27 14.87 34.12 Sharding Bear Lake 0.00 0.00 2.07 1.30 34.12 Webrispann Lake 0.00 0.00 2.67 1.30 34.12 Awigoritain Lake 0.00 0.00 0.00 2.67 1.30 35.99 Awigoritain Lake 0.00 0.00 0.00 0.00 2.67 1.30 35.99 Accusar Lake 0.00 0.00 0.00 0.00 2.69 35.18 Derroir Lake 0.00 0.00	Division	District	Proj	ject	Boater	Nonboater	Boater	Nonboater	1 Otal
# Oahe Dam Lake Oahe	NWD (cont)	Omaha (cont)	L	Holmes Lake	00.00	00:00	15.73	377.57	393.30
Olive Creek Lake 0.26 1.88 0.60 4.37 Pawmee Lake 2.33 4.52 32.42 62.93 Pipestem Lake 0.07 1.09 4.78 74.86 Site 10 Yankee Hill Lake Sallcreek Tributary 0.02 0.09 2.62 14.87 Shagecoach Lake 0.00 0.00 11.13 90.77 Shading Bear Lake 0.00 0.00 11.13 90.77 Twin Lakes 0.00 0.00 2.67 13.03 Wehrspann Lake 0.00 0.00 2.67 1.50 5.99 Wehrspann Lake 0.00 0.00 11.73 281.57 281.57 Zoritsky Lake 0.00 0.00 14.00 358.60 5.99 Iff Bornewille Lock and Dam 0.07 1.06 14.07 2.91.03 Codage Caper Lake 0.00 0.00 0.00 76.07 Dervar Lake 0.00 0.00 0.00 76.14 Fall Creek Lake Fen Ridge Lake 0.61		•	#	Oahe Dam Lake Oahe	7.87	20.24	424.53	1,091.66	1,544.30
Pawnee Lake 2.33 4.52 32.42 62.93 Piposteme Lake 0.07 1.09 4.78 74.86 Site of Varkee Hill Lake Saltcreek Tributary 0.02 1.35 1.32 14.87 Site of Varkee Hill Lake Saltcreek Tributary 0.02 1.35 1.32 8.11 Site gecoach Lake 0.00 0.02 1.35 1.32 8.11 Shadder-Winnerbago 0.00 0.00 2.67 1.30 8.11 Wagopritain Lake 0.00 0.00 2.67 1.50 5.99 Webrispann Lake 0.00 0.00 11.73 2.91.57 2.91.57 Cougar Lake 0.00 0.00 0.00 0.00 3.55.90 2.5.90 Devart Lake 0.00 0.00 0.00 0.00 2.6.7 2.91.65 Devart Lake 0.00 0.00 0.00 0.00 2.6.7 2.91.65 Devart Lake 0.00 0.00 0.00 0.00 2.6.7 2.91.65 Fall Cre				Olive Creek Lake	0.26	1.88	09:0	4.37	7.10
Pipestem Lake 0.07 1.09 4.78 74.86 Site 10 Yankee Hill Lake Saltcreek Tributary 0.02 0.09 2.62 14.87 Site 10 Yankee Hill Lake Saltcreek Tributary 1.01 1.46 23.71 34.12 Slagecoach Lake 0.22 1.35 1.32 8.11 Standing Bear Lake 0.00 0.00 11.13 90.07 Webraspan Lake 0.74 2.97 1.50 5.99 Webraspan Lake 0.00 0.00 14.00 38.59 Ellus River Lake 0.00 0.00 14.00 38.59 Cottage Cirve Lake 0.00 0.00 14.00 38.59 Dostrot Lake 0.00 0.00 0.00 28.91 Fall Cresk Lake 0.00 0.00 0.00 0.00 <t< th=""><td></td><td></td><td></td><td>Pawnee Lake</td><td>2.33</td><td>4.52</td><td>32.42</td><td>62.93</td><td>102.20</td></t<>				Pawnee Lake	2.33	4.52	32.42	62.93	102.20
Sile 10 Yankee Hill Lake Saltcreek Tribulary 0.02 0.09 2.62 14.87 Sinyder-Winnebago 1.01 1.46 23.71 34.12 8.11 Sinyder-Winnebago 0.00 0.00 1.132 8.11 8.17 Standing Bear Lake 0.00 0.00 2.67 13.03 1.303 Wagoontrain Lakes 0.00 0.00 2.67 13.03 1.303 Wagoontrain Lake 0.00 0.00 1.1.73 281.57 2.815 Wagoontrain Lake 0.00 0.00 1.00 1.00 5.99 Ellue River Lake 0.00 0.00 0.00 5.99 5.910.03 Coutage Grove Lake 0.00 0.00 0.00 0.00 5.91 Destrict Lake 0.00 0.00 0.00 0.00 2.65 Dorena Lake 0.00 0.00 0.00 0.00 2.67 Fall Creek Lake 0.61 2.91 78.14 4.44 Fall Creek Lake 0.62 0.00				Pipestem Lake	0.07	1.09	4.78	74.86	80.80
Sinyder-Wilnnebago 1,01 146 22,71 34,12 Stagecoach Lake 0,02 1,35 1,13 90,17 Twin Lakes 0,00 0,00 2,67 13,03 Wehrspann Lake 0,74 2,97 1,50 5,99 Wehrspann Lake 0,00 0,00 11,73 281,57 Zorinsky Lake 0,00 0,00 11,73 281,57 Blue River Lake 0,00 0,00 11,73 281,57 Cotage Grove Lake 0,00 0,00 11,73 281,57 Cotage Grove Lake 0,00 0,00 0,00 56,38 Dordert Lake 0,00 0,00 0,00 2,91 76,04 Fall Creek Lake 0,00 0,00 0,00 26,14 27,529 Fall Creek Lake 0,01 0,00 0,00 2,91 165,96 756,04 Foster Lake 0,00 0,00 0,00 0,00 14,44 14,44 Hills Creek Lake 1,00 <t< th=""><td></td><td></td><td></td><td>Site 10 Yankee Hill Lake Saltcreek Tributary</td><td>0.02</td><td>60.0</td><td>2.62</td><td>14.87</td><td>17.60</td></t<>				Site 10 Yankee Hill Lake Saltcreek Tributary	0.02	60.0	2.62	14.87	17.60
Sitagecoach Lake 0.22 1.35 1.32 8.11 Standing Bear Lake 0.00 0.00 1.11.3 90.07 Twin Lakes 0.00 0.00 2.67 13.03 Wagontrain Lake 0.00 0.00 11.73 281.57 Welspam Lake 0.00 0.00 11.73 281.57 Welspam Lake 0.00 0.00 14.00 335.90 Ellue River Lake 0.00 0.00 14.00 335.90 Cottage Grove Lake 0.00 0.00 0.00 56.88 Detroit Lake 0.00 0.00 0.00 76.07 Dester Lake 0.00 0.00 0.00 26.97 Dester Lake 0.00 0.00 0.00 26.97 Fall Creek Lake 0.01 0.00 2.93 1.51 Foster Lake 0.01 0.00 0.00 2.91 1.6.44 Foster Lake 0.01 0.00 0.00 2.91 1.6.44 Hillis Creek		•		Snyder-Winnebago	1.01	1.46	23.71	34.12	60.30
Standing Bear Lake 0.00 0.00 11.13 90.07 Twin Lakes 0.00 0.00 2.67 13.03 Wagapritain Lake 0.74 2.97 1.50 5.99 Wherspann Lake 0.00 0.00 11.73 28.59 Elbe River Lake 0.00 0.00 14.00 335.90 Elbe River Lake 0.00 0.00 1.06 146.75 2.910.03 Cottage Grove Lake 0.00 0.00 0.00 56.98 1.85.75 2.910.03 Deforit Lake 0.00 0.00 0.00 0.00 2.6.39 2.6.37 Deforit Lake 0.00 0.00 0.00 2.23.55 126.85 Dorent Lake 0.00 0.00 0.00 2.23.55 126.87 Fall Creek Lake 0.00 0.00 2.27 126.36 127.29 Forster Lake 0.00 0.00 0.00 0.00 1.44 1.57 2.00 1.44 Forster Lake Hills Creek and Dam,				Stagecoach Lake	0.22	1.35	1.32	8.11	11.00
Twin Lakes 0.00 0.00 2.67 13.03 Wagontrain Lake 0.74 2.97 1.50 5.99 Wehrspann Lake 0.00 0.00 1.173 281.57 Zorinsky Lake 0.00 0.00 1.00 335.80 ## Bonnewille Lock and Darn 0.00 0.00 0.00 56.88 ## Bonnewille Lock and Darn 0.07 1.06 185.75 2.910.03 Cottage Grove Lake 0.00 0.00 0.00 76.07 26.99 Detroit Lake 0.00 0.00 0.00 76.07 26.97 Doran Lake 0.00 0.00 0.00 282.35 178.97 Fall Creek Lake 0.00 0.00 28.23.5 178.64 Fall Creek Lake 0.01 0.00 2.91 15.91 16.27 Fall Creek Lake 0.01 0.00 0.00 26.78 240.45 Green Peter Lake 0.00 0.00 0.00 2.01 1.27.98 John Day Lock and Dam, La				Standing Bear Lake	0.00	00.00	11.13	90.07	101.20
Wagontrain Lake 0.74 2.97 1.50 5.99 Wehrspann Lake 0.00 0.00 11.73 281.57 Zorinsky Lake 0.00 0.00 14.00 385.90 Blue River Lake 0.00 0.00 16.05 56.98 ## Bonneville Lock and Dam 0.07 1.06 185.75 2,910.03 Cougar Lake 0.00 0.00 0.00 76.07 Derroit Lake 0.00 0.00 0.00 76.07 Derroit Lake 0.00 0.00 282.35 176.85 Dorena Lake 1.51 6.03 68.82 275.29 Fean Ridge Lake 0.00 0.00 282.35 176.85 Fean Ridge Lake 0.61 2.79 165.96 756.04 Fean Ridge Lake 0.61 2.79 76.04 756.04 Fean Ridge Lake 0.61 2.79 76.04 756.04 Fean Ridge Lake 0.61 0.78 2.91 76.14 Hills Creek La			<u> </u>	Twin Lakes	00:00	0.00	2.67	13.03	15.70
Weinspann Lake 0.00 0.00 11.73 281.57 Zorinsky Lake 0.00 0.00 14.00 335.90 Blue River Lake 0.00 0.00 0.00 56.98 # Bonneville Lock and Dam 0.07 1.06 185.75 2.910.03 Cottage Grove Lake 0.00 0.00 0.00 76.07 Detroit Lake 0.00 0.00 0.00 76.07 Dorena Lake 0.00 0.00 0.00 76.07 Dorena Lake 0.00 0.00 282.35 126.85 Fall Creek Lake 0.00 0.00 282.35 126.85 Foster Lake 0.26 0.14 31.59 16.27 Foster Lake 0.01 0.00 0.00 14.44 Hills Creek Hills Creek 0.00 0.00 0.60 14.44 Hills Creek Lost Creek Lake 0.00 0.00 0.60 14.44 Tost Creek Lake Lost Creek Lake 5.92 5.89 250.34				Wagontrain Lake	0.74	2.97	1.50	5.99	11.20
Zorinsky Lake 0.00 0.00 14,00 335.90 Blue River Lake 0.00 0.00 6.00 56.98 # Bonnewille Lock and Dam 0.07 1.06 185.75 2.910.03 Cottage Grove Lake 2.99 3.51 181.77 213.38 Cougar Lake 0.00 0.00 0.00 26.97 Dorant Lake 0.00 0.00 282.35 126.85 Fall Creek Lake 0.00 0.00 282.35 126.85 Fall Creek Lake 0.56 0.14 31.59 162.7 Fall Creek Lake 0.61 2.79 165.96 756.04 Fall Creek Lake 0.61 2.79 165.96 76.04 Foster Lake 0.61 2.79 165.96 76.04 Foster Lake 0.61 0.70 0.60 14.44 Hills Creek 0.00 0.00 0.60 14.44 Hills Creek 1.00 0.00 0.60 1.44 Lock Creek Lake 0.00 </th <td></td> <td></td> <td></td> <td>Wehrspann Lake</td> <td>0.00</td> <td>0.00</td> <td>11.73</td> <td>281.57</td> <td>293.30</td>				Wehrspann Lake	0.00	0.00	11.73	281.57	293.30
lite River Lake 0.00 0.00 56.98 i# Bonneville Lock and Dam 0.07 1.06 185.75 2,910.03 Cottage Grove Lake 2.99 3.51 181.77 2,910.03 Cougar Lake 0.00 0.00 0.00 76.07 Destroit Lake 0.00 0.00 282.35 126.85 Dorena Lake 0.00 0.00 282.35 126.85 Fall Creek Lake 0.26 0.14 31.59 16.27 Fem Ridge Lake 0.61 2.79 165.96 756.04 Fem Ridge Lake 0.61 2.79 165.96 756.04 Foster Lake 0.61 2.79 165.96 756.04 Hills Creek Hills Creek 0.00 0.00 0.00 14.44 # John Day Lock and Dam, Lake Celilo 0.00 0.00 39.55 118.65 Lockout Point Lake 1.27 2.47 24.45 17.71 Willamette Falls Locks 0.00 0.00 2.47 24.45 17.71 </th <td></td> <td></td> <td>ļ</td> <td>Zorinsky Lake</td> <td>0.00</td> <td>0.00</td> <td>14.00</td> <td>335.90</td> <td>349.90</td>			ļ	Zorinsky Lake	0.00	0.00	14.00	335.90	349.90
## Bonnewille Lock and Dam 0.07 1.06 185.75 2,910.03 Cottage Grove Lake 2.99 3.51 181.77 213.38 Cougar Lake 0.00 0.00 0.00 76.07 Dexter Lake 0.00 0.00 26.97 76.97 Dorena Lake 0.00 0.00 282.35 126.85 Dorena Lake 0.26 0.14 31.59 16.27 Fall Creek Lake 0.26 0.14 31.59 16.27 Fam Ridge Lake 0.61 2.79 165.96 756.04 Fam Ridge Lake 0.61 2.79 165.96 756.04 Foster Lake 0.61 2.79 165.96 756.04 Hills Creek Hills Creek 0.00 0.00 0.00 14.44 Hills Creek John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lost Creek Lake Lost Creek Lake 0.00 0.00 39.55 14.44 # The Dalles Lock and Dam, Lake Cellio 0.00<		Portland	-	Blue River Lake	0.00	0.00	0.00	56.98	56.98
Cottage Grove Lake 2.99 3.51 181.77 213.38 Cougar Lake 0.00 0.00 0.00 76.07 Dexter Lake 0.00 0.00 26.97 Doxena Lake 0.00 0.00 282.35 126.85 Dorena Lake 0.26 0.04 282.35 126.85 Fall Creek Lake 0.26 0.14 31.59 16.27 Fern Ridge Lake 0.61 2.79 165.96 756.04 Forster Lake 0.61 2.79 165.96 756.04 Foster Lake 0.43 2.91 78.18 523.18 Green Peter Lake 0.34 1.57 52.78 240.45 Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lost Creek Lake 0.00 0.00 0.00 244.54 733.63 The Dailes Lock and Dam, Lake Cellilo 0.00 0.00 244.55 17.71 <td< th=""><td></td><td></td><td>生</td><td></td><td>0.07</td><td>1.06</td><td>185.75</td><td>2,910.03</td><td>3,096.90</td></td<>			生		0.07	1.06	185.75	2,910.03	3,096.90
Cougar Lake 0.00 0.00 0.00 76.07 Detroit Lake 0.00 0.00 28.37 126.85 Dexter Lake 0.00 0.00 28.35 126.85 Dorena Lake 0.26 0.04 31.59 16.27 Fall Creek Lake 0.26 0.14 31.59 16.27 Fem Ridge Lake 0.61 2.79 165.96 756.04 Foster Lake 0.61 2.91 78.18 523.18 Green Peter Lake 0.03 0.00 0.60 14.44 Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38	···		_	Cottage Grove Lake	2.99	3.51	181.77	213.38	401.65
Detroit Lake 0.00 0.00 0.00 26.97 Dexter Lake 0.00 0.00 282.35 126.85 Dorena Lake 1.51 6.03 68.82 275.29 Fall Creek Lake 0.26 0.14 31.59 16.27 Foster Lake 0.61 2.79 165.96 756.04 Foster Lake 0.034 1.57 52.78 240.45 Green Peter Lake 0.00 0.00 0.60 14.44 Hills Creek John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Cellilo 0.00 0.00 24.45 17.71 Willow Creek Willow Creek 0.00 0.00 2.45 17.71				Cougar Lake	0.00	0.00	00.00	76.07	76.07
Dexter Lake 0.00 0.00 282.35 126.85 Dorena Lake 1.51 6.03 68.82 275.29 Fall Creek Lake 0.26 0.14 31.59 16.27 Fan Ridge Lake 0.61 2.79 165.96 756.04 Foster Lake 0.43 2.91 78.18 523.18 Green Peter Lake 0.34 1.57 52.78 240.45 Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lost Creek Lake 0.00 0.00 39.55 118.65 The Dalles Lock and Dam, Lake Cellilo 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38			_	Detroit Lake	0.00	00.00	00.0	26.97	26.97
Dorena Lake 1.51 6.03 68.82 275.29 Fall Creek Lake 0.26 0.14 31.59 16.27 Fem Ridge Lake 0.61 2.79 165.96 756.04 Foster Lake 0.63 2.91 78.18 523.18 Green Peter Lake 0.34 1.57 52.78 240.45 Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Cellilo 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38			<u> </u>	Dexter Lake	0.00	0.00	282.35	126.85	409.21
Fall Creek Lake 0.26 0.14 31.59 16.27 Fern Ridge Lake 0.61 2.79 165.96 756.04 Foster Lake 0.43 2.91 78.18 523.18 Green Peter Lake 0.34 1.57 52.78 240.45 Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Cellio 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38				Dorena Lake	1.51	6.03	68.82	275.29	351.64
Fern Ridge Lake 0.61 2.79 165.96 756.04 Foster Lake 0.43 2.91 78.18 52.18 Green Peter Lake 0.34 1.57 52.78 240.45 Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dailes Lock and Dam, Lake Celilo 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38				Fall Creek Lake	0.26	0.14	31.59	16.27	48.26
Foster Lake 0.43 2.91 78.18 52.18 Green Peter Lake 0.34 1.57 52.78 240.45 Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Cellio 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38				Fern Ridge Lake	0.61	2.79	165.96	756.04	925.40
Green Peter Lake 0.34 1.57 52.78 240.45 Hills Creek Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Cellio 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38				Foster Lake	0.43	2.91	78.18	523.18	604.70
Hills Creek 0.00 0.00 0.60 14.44 John Day Lock and Dam, Lake Umatilla 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Cellilo 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38				Green Peter Lake	0.34	1.57	52.78	240.45	295.14
John Day Lock and Dam, Lake Umatilia 3.70 7.87 601.40 1,277.98 Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Cellio 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38				Hills Creek	0.00	00.00	09:0	14.44	15.04
Lookout Point Lake 0.00 0.00 39.55 118.65 Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Cellio 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38			#	John Day Lock and Dam, Lake Umatilla	3.70	7.87	601.40	1,277.98	1,890.95
Lost Creek Lake 5.92 5.69 250.34 240.52 The Dalles Lock and Dam, Lake Celilo 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 9.59 30.38				Lookout Point Lake	0.00	00.00	39.55	118.65	158.20
The Dalles Lock and Dam, Lake Cellio 0.82 2.47 244.54 733.63 Willamette Falls Locks 0.00 0.00 24.45 17.71 Willow Creek 0.00 0.00 9.59 30.38				Lost Creek Lake	5.92	5.69	250.34	240.52	502.48
0.00 0.00 24.45 17.71 0.00 0.00 9.59 30.38			#		0.82	2.47	244.54	733.63	981.47
0.00 0.00 30.38			ļ	Willamette Falls Locks	00:00	00:00	24.45	17.71	42.16
3)				Willow Creek	0.00	00:0	9.59	30.38	39.97
									(Sheet 9 of 15)

Table E1	(Continued)						
20101310	401-1010			Campers	Day Users	Day Users (inc. OVN)	
Division	District	Project	Boater	Nonboater	Boater	Nonboater	Total
NWD (cont) Seattle	Seattle	Albeni Falls Dam and Lake Pend Oreille	1.12	8.24	28.48	208.85	246.70
		Chief Joseph Dam and Rufus Woods Lake	0.35	1.72	24.48	119.54	146.10
		Keystone Harbor	0.56	1.68	195.34	586.02	783.60
		Lake Washington Ship Canal	00.00	0.00	335.39	1,122.81	1,458.20
		Libby Dam and Lake Koocanusa	0.53	0.53	110.77	110.77	222.60
		Mud Mountain Dam Project White River	00.00	0.00	0.00	111.00	111.00
	Walla Walla	# Dworshak Dam & Reservoir	0.65	2.31	49.41	175.19	227.56
		Ice Harbor Lock & Dam, Lake Sacajawea	2.81	9.97	99.40	352.42	464.60
		Little Goose Lock & Dam, Lake Bryan	1.01	3.37	44.03	147.39	195.80
		!# Lower Granite Lock & Dam	2.77	7.48	264.45	715.00	989.70
		Lower Monumental Lock & Dam, Lake West	1.59	5.34	33.27	111.39	151.60
		Lucky Peak Lake	00.0	0.00	240.28	510.60	750.88
		# McNary Lock & Dam, Lake Wallula	0.67	6.03	422.97	3,806.73	4,236.40
		Mill Creek Lake	00:00	0.00	11.78	156.52	168.30
РОБ	Alaska	Chena River Lakes	0.31	4.84	8.06	126.29	139.50
SAD	Jacksonville	Fernandina Harbor	00:00	0.00	00.00	66.50	66.50
		Four River Basins	00:0	0.00	50.40	201.60	252.00
		! Lake Okeechobee and Waterway	37.73	97.02	1,909.75	4,910.79	6,955.30
		Miami Harbor	0.00	00'0	0.00	48.70	48.70
	Mobile	Alabama River Lakes Claiborne	1.74	3.38	70.85	137.53	213.50
		# Alabama River Lakes Dannelly	4.43	3.78	911.95	776.84	1,697.00
		# Alabama River Lakes Woodruff	4.50	4.88	738.16	799.67	1,547.20
		# Allatoona Lake	32.98	64.02	1,897.54	3,683.46	5,678.00
		Black Warrior and Tombigbee Lakes	2.68	7.25	1,164.31	3,147.96	4,322.20
		Carters Lake	3.87	6.31	236.46	385.80	632.44
		George W. Andrews Lake	0.19	0.24	177.23	225.57	403.23
			4.26	7.58	367.09	652.60	1,031.53
		# Lake Sidney Lanier	27.67	51.38	2,655.14	4,930.97	7,665.16
		Okatibbee Lake	3.42	12.88	199.32	749.83	965.46
			18.92	38.40	1,012.38	2,055.43	3,125.13
		_	23.10	34.65	2,626.32	3,939.48	6,623.55
		# West Point Project	10.53	29.97	578.27	1,645.84	2,264.60
							(Sheet 10 of 15)
				-			

Table E1	Table E1 (Continued)							
	i	_ 4	•		Campers	Day Users	Day Users (inc. OVN)	Total
Division	District	<u>g</u>	Project	Boater	Nonboater	Boater	Nonboater	lotai
SAD (cont)	Savannah	#	Hartwell Lake	30.87	62.67	3,311.97	6,724.30	10,129.80
		#	J. Strom Thurmond Lake	14.04	126.37	671.94	6,047.45	6,859.80
			New Savannah Bluff Lock and Dam	00.00	0.00	1.43	141.37	142.80
			Richard B Russell Dam and Lake	4.20	3.44	601.51	492.15	1,101.30
	Wilmington	#	B Everett Jordan Dam and Lake	10.89	38.59	249.75	885.47	1,184.70
		L	Cape Fear River <3 Locks and Dams>	00.00	00.00	10.35	58.67	69.02
		#	Falls Lake	0.67	3.26	107.14	523.11	634.18
		#	John H Kerr Dam and Reservoir	26.72	47.51	816.47	1,451.50	2,342.20
		#	Philpott Lake	1.96	7.39	191.57	720.67	921.60
		#	W Kerr Scott Dam and Reservoir	2.25	6:39	284.29	809.12	1,102.05
SPD	Albuquerque	L	Abiquiu Dam	0.13	1.52	6.83	78.52	87.00
			Cochiti Lake	0.45	4.57	23.81	240.77	269.60
			Conchas Lake	2.49	5.05	41.93	85.13	134.60
			Galisteo Dam	0.00	0.00	00.00	4.73	4.73
		_	Jemez Canyon Dam	00.00	0.00	00.0	17.36	17.36
			John Martin Dam	0.57	4.62	35.04	283.47	323.70
			Santa Rosa Dam and Lake	0.39	5.12	4.66	61.89	72.06
			Trinidad Lake	0.01	0.97	1.62	160.00	162.60
-			Two Rivers Dam	0.00	0.00	00.0	1.80	1.80
	Los Angeles		Alamo Lake	2.63	8.33	74.19	234.95	320.10
			Brea Dam	0.00	0.00	00:00	291.20	291.20
			Carbon Canyon Dam	0.00	00.00	0.00	263.10	263.10
			Fullerton Dam	0.00	0.00	0.00	294.90	294.90
		#	Hansen Dam	00.00	0.00	0.00	1,140.00	1,140.00
			Mojave River Dam	0.00	3.52	0.00	4.88	8.40
			Painted Rock Dam	0.00	00.00	00:0	00.0	0.00
			Prado Dam	00.00	2.20	00.0	423.20	425.40
			Salinas Dam Santa Margarita Lake	0.00	00.0	29.90	94.70	124.60
- 10-7			Santa Fe Dam	0.00	0.00	0.00	414.10	414.10
		#	Sepulveda Dam	0.00	0.00	0.00	2,100.00	2,100.00
		#	Whittier Narrows Dam	0.00	00.0	0.00	2,400.00	2,400.00
								(Sheet 11 of 15)

Poblition District Project Campaignee Day Users (in.c. ONL) Total Day Day Users (in.c. ONL) Total Day	Table E1	(Continued)							
Project Nonboater Nonboater Nonboater Sacramentor # Eastman Lake 0.46 1.94 11.72 49.99 # Hanty Lake 0.54 1.94 11.72 49.99 46.10 # Hanty Lake 0.54 1.94 11.72 49.99 46.10 # Hanty Lake 0.04 0.54 1.04 25.30 16.73 # Natio Cacek Lake 0.05 2.41 1.04 25.30 17.79 # Natio Cack Lake 0.05 0.94 1.04 25.01 16.58 # Natio Cack Lake 0.05 0.24 1.74 59.29 145.98 # Natio Cack Lake 0.00 0.00 0.00 2.41 1.74.29 145.98 Stanish Replacinal Visitor Center 0.00 0.00 0.00 0.00 1.75.21 147.98 San Francisco # Lake Mendocino 6.46 1.63 1.74 8.64 4.99.88 17.09 San Francisco # Carpo Manti Lake 1.30 1.16 1.75			_ (pers	Day User	s (inc. OVN)	1000
Sacramento # Black Butle Lake 1.36 3.33 38.17 93.45 Factorimento # Eastmina Lake 0.51 0.54 41.72 46.10 # Harry Lingloight Lake 0.51 0.54 44.30 46.10 # Harry Lingloight Lake 0.04 0.51 1.09.55 31.74 109.55 31.78 # New Hogan Lake 0.04 0.91 1.11 59.22 15.84 31.39 Sanishau River Parks 0.06 0.24 1.78.42 15.86 31.39 Sanishau Silver Parks 0.06 0.22 2.41 1.78.42 15.86 Sanishau River Parks 0.06 0.22 2.41 17.84.2 15.86 Sanishau Silver Parks 0.00 0.00 0.00 0.00 17.82 15.84 Sanishau Silver Parks 0.00 0.00 0.00 0.00 17.82 17.88 Sanishau Silver Parks 0.00 0.00 0.00 0.00 17.82 17.38 Sanishau Silver Parks 0.00	Division	District	7 5)ject	Boater	Nonboater	Boater	Nonboater	l Otal
Feature Lake 0.46 194 1172 49.99 # Hart/L Englehölght Lake 0.51 0.54 44.30 46.90 # Hart/L Englehölght Lake 1.44 207 52.38 75.38 # Lake Kawear 1.32 3.74 109.55 31.79 # Maris Creek Lake 0.04 0.91 1.04 26.01 # New Hogan Lake 5.23 1.111 59.22 1.55.84 Sanishasus River Parks 0.06 0.26 83.16 37.83 Sanishasus River Parks 0.06 0.26 83.16 37.83 Sanishasus River Parks 0.00 0.26 83.16 37.83 Sanishasus River Parks 0.00 0.00 175.20 47.38 Fort Worth Aquilla Dan & Lake 1.41 8.64 6.83.16 17.96.33 Fort Worth Bartwell Lake 0.00 0.00 17.52 47.86 Fort Worth Aguilla Dan & Lake 1.30 1.55 26.56 96.25 Fort Worth Aguilla	SPD (cont)	Sacramento	#	Black Butte Lake	1.36	3.33	38.17	93.45	136.32
Henry Lengebright Lake			#	Eastman Lake	0.46	1.94	11.72	49.98	64.10
# Henelly Lake 144 2.07 5.238 75.39 75.39			#		0.51	0.54	44.30	46.10	91.45
# Lake Kawesh 132 3.74 109.55 31.79 # Maris Creat Lake 0.04 9.97 1.04 25.01 # New Mogan Lake 0.04 0.97 1.04 25.01 # Pine Flat Lake 0.05 0.26 88.316 37.83 San Francisco # Lake Mendocino 6.46 1.65 i 178.42 145.98 San Francisco # Lake Sonoma 0.06 0.26 6.88 98.96 31.33 Fort Worth Aquille Dam & Lake 0.00 0.00 1.75.0 47.38 Fort Worth Aquille Dam & Lake 0.00 0.00 17.52 47.38 Bellon Lake 0.00 0.00 1.75.0 47.38 # Carryon Lake 0.58 2.35 8.64 68.31 41.964 # Carryon Lake 0.00 0.00 1.75.2 47.36 47.56 # Carryon Lake 0.00 0.00 1.75.3 24.56 986.25 # Cooper Lake 1.86 1.25.0 2.35.4			#	Hensley Lake	1.44	2.07	52.38	75.38	131.27
Martic Creek Lake 0.04 0.91 1.04 25.01 He New Hogani Lake 5.23 11.11 59.22 142.84 Slanislaus River Parks 0.06 0.26 83.16 378.83 San Fancisco # Lake Mandocino 0.06 0.26 83.16 378.83 San Francisco # Lake Mandocino 0.06 0.26 83.16 378.83 Factorial Lake Bardwell Lake 0.00 0.00 1.26 378.83 Fort Worth Aquilla Dam & Lake 0.00 0.00 1.752 47.38 Berbrook Lake 1.38 2.15.1 449.88 1.799.53 1.785.73 Cooper Lake Conjor Lake 1.38 7.23 24.56 1.75.73 1.75.73 A Cangoru Lake Conjor Lake 1.45 2.53 2.53 2.53 1.72.3 24.55 1.72.3 2.84.55 A Cangoru Lake Cooper Lake 0.87 1.59 2.89 48.69 1.72.3 2.84.52 A Lake Georgelown 1.45 </td <td></td> <td></td> <th>#</th> <td>Lake Kaweah</td> <td>1.32</td> <td>3.74</td> <td>109.55</td> <td>311.79</td> <td>426.40</td>			#	Lake Kaweah	1.32	3.74	109.55	311.79	426.40
# New Hogen Lake 52.3 1111 59.22 125.84 # Princh Fall Lake 2.95 2.41 178.42 145.96 Sanisians River Parks 0.06 0.26 83.16 378.33 A Success Lake 0.06 0.26 83.16 381.02 1 Lake Mendodino 6.46 16.61 124.91 23.9 1 Lake Mendodino 0.00 0.00 2.06 391.02 1 Lake Mendodino 1.84 1.64 124.91 23.9 1 Lake Sorioma 0.00 0.00 2.06 2.08 391.02 1 Lake Mendodino 0.00 0.00 2.06 2.03.77 2.03.77 A Pullia Dam & Lake 0.00 0.00 17.52 47.38 Bentrosk Lake 5.8 2.151 449.68 1.789.53 Bentrosk Lake 5.8 2.351 24.65 86.25 Cooper Lake 6.7 1.20.31 1.002.31 1.20.34 H Formilis Bridge Dam Lake O' The Pines 5.8 2.6.56 2.				Martis Creek Lake	0.04	0.91	1.04	25.01	27.00
Fort Worth # Pine Flat Lake 2.95 2.41 178.42 145.89 San Francisco # Lake Mendocino 0.06 0.26 83.16 378.39 San Francisco # Lake Mendocino 6.46 1.681 162.06 391.02 I Lake Sonoma 1 Lake Sonoma 1.64 3.42 12.91 231.89 Fort Worth Aquilla Dam & Lake 0.00 0.00 17.52 47.38 Bardwall Lake 1.41 8.64 68.31 41.96.54 47.38 Benton Lake 1.30 11.68 27.51 47.38 Benton Lake 5.88 27.51 449.88 1,799.53 Cooper Lake 5.88 23.51 449.88 1,799.53 H Cargian Lake 5.88 23.51 246.56 96.55 Grapewine Lake 0.87 1.23 245.56 96.56 H Lavon Lake 0.87 1.35 28.05 1.27.54 H Lake Cooper Lake 0.87 1.65 28.05 1.27.55			#	New Hogan Lake	5.23	11.11	59.22	125.84	201.40
San Francisco 6.06 0.26 83.16 378.83 San Francisco # Success Lake 2.08 6.58 98.96 313.39 San Francisco Lake Mendocinc 1.84 3.42 142.06 331.02 Lake Schomma 1.84 3.42 14.49.18 2.06 2.06 203.77 Fort Worth Aquilla Dam & Lake 0.00 0.00 2.06 20.37 47.38 Bardwall Lake 1.30 1.41 48.64 68.31 44.96.83 47.38 Benbrook Lake 1.30 1.1.68 1.20.31 1.082.81 47.88 Benbrook Lake 5.88 23.51 246.56 98.25 Cooper Lake 5.89 23.51 246.56 98.25 Goranger Lake 6.72 1.30 11.66 1.77.34 Acrost Lake Granger Lake 1.36 2.45.55 246.56 Acrost Lake Granger Lake 1.36 1.50 1.77.34 275.95 Acrost Lake Acrost Clake			#	Pine Flat Lake	2.95	2.41	178.42	145.98	329.76
San Francisco # Success Lake 2.08 6.58 98.96 313.39 San Francisco # Lake Mendocino 6.46 16.61 16.50 391.02 I Lake Sorman 1.34 3.42 124.91 23.98 S F Bay Model Regional Visitor Center 0.00 0.00 2.06 2.03.77 Fort Worth Aquilla Dam & Lake 0.00 0.00 1.7.52 47.38 Bentowell Lake 1.30 1.41 8.64 68.31 1.796.33 Bentovok Lake 5.38 21.51 449.88 1.738.31 Cooper Lake Cooper Lake 5.88 23.51 246.56 986.25 Cooper Lake Grapovine Lake 1.38 7.23 48.69 172.83 Hords Creek Lake 0.87 1.50 28.05 1.27.34 48.69 Hords Creek Lake 0.87 13.59 28.80 451.24 286.40 Hords Creek Lake 0.87 13.59 28.05 1.27.34 48.69 Hords Creek Lake 0.			L	Stanislaus River Parks	90.0	0.26	83.16	378.83	462.30
San Francisco # Lake Mendocino 6.46 16.61 152.06 391.02 1 Lake Sonoma 1.84 3.42 122.01 231.88 1 S F Bay Mordel Regional Visitor Center 0.00 0.00 17.52 47.88 Fort Worth Aquilla Dam & Lake 0.00 0.00 17.52 47.88 # Belton Lake 1.41 8.64 68.31 419.64 # Bentbrook Lake 5.38 21.51 449.88 1.799.53 # Cooper Lake Cooper Lake 5.88 23.51 246.56 986.25 # Ferrells Bridge Dam Lake O' The Pines 6.92 16.94 275.95 675.60 # Granger Lake Granger Lake 1.38 7.23 28.05 177.84 # Granger Lake Granger Lake 0.87 15.05 28.05 675.60 # Lake Georgetown 1.38 7.23 28.05 1,77.84 # Lake Georgetown 7.49 23.72 118.92 376.49 # Lake Georgetown 7.69 26.96 67.29			#	Success Lake	2.08	6.58	98.96	313.39	421.01
1 Lake Sonoma 1 R4 3.42 124.91 231.98 S F Bay Model Regional Visitor Center 0.00 0.00 2.06 203.77 Bardwell Lake 1.41 8.64 68.31 47.38 # Belton Lake 1.30 11.68 1.799.53 # Canyon Lake 5.88 23.51 246.56 986.25 Cooper Lake 5.88 23.51 246.56 986.25 A Canyon Lake 5.88 23.51 246.56 986.25 A Canger Lake 6.92 16.94 275.95 675.60 A Cangorine Lake 0.87 13.59 28.05 1,77.84 H Crapour Lake 1.30 14.51 18.47 310.65 395.37 H Lake Georgetown 0.87 13.59 28.05 1,277.84 H Lake Georgetown 7.49 23.72 14.82 1,273.44 H Lake Georgetown 7.49 23.72 14.82 2.38.07 Mavairo Milis Lake 0.05 5.35 9.75 965.05 <t< td=""><td></td><td>San Francisco</td><th>#</th><td>Lake Mendocino</td><td>6.46</td><td>16.61</td><td>152.06</td><td>391.02</td><td>566.15</td></t<>		San Francisco	#	Lake Mendocino	6.46	16.61	152.06	391.02	566.15
Fort Worth Aquilla Dam & Lake 0.00 0.00 17.52 47.38 Bartwell Lake 0.00 0.00 17.52 47.38 # Belton Lake 5.38 21.51 449.88 1799.53 Benbrook Lake 5.88 23.51 246.56 986.25 Cooper Lake 5.88 23.51 246.56 986.25 Cooper Lake 6.92 16.94 275.95 675.60 Granger Lake 7.23 8.96 48.69 1726.31 H Caryon Lake 7.23 8.96 48.69 1726.34 H Carpevine Lake 7.23 8.96 48.69 172.63 H Carpevine Lake 0.87 15.95 28.05 127.44 H Carpevine Lake 0.87 13.59 28.80 451.24 H Lake Georgetown 7.23 25.9 46.50 396.37 H Lake Georgetown 7.23 25.9 46.54 396.55 M Navarro Mills Lake 7.00 10.57 89.22 30.65 <tr< td=""><td></td><td></td><th><u> -</u>.</th><td>Lake Sonoma</td><td>1.84</td><td>3.42</td><td>124.91</td><td>231.98</td><td>362.16</td></tr<>			<u> -</u> .	Lake Sonoma	1.84	3.42	124.91	231.98	362.16
Fort Worth Aquilla Dam & Lake 0.00 0.00 17.52 47.38 Bardowell Lake 1.41 8.64 68.31 419.64 # Belron Lake 5.38 21.51 449.88 1,799.53 # Caryon Lake 5.88 23.51 246.56 986.25 Cooper Lake 2.53 8.96 48.69 172.63 # Ferrells Bridge Dam Lake O' The Pines 6.92 16.94 275.95 675.60 Granger Lake 6.92 16.94 275.95 675.60 172.63 # Grapevine Lake 1.38 7.23 54.75 287.44 287.44 # Lower Screek Lake 0.87 15.05 280.50 1277.84 287.44 # Lawon Lake 1.451 18.47 310.65 395.37 28.80 451.24 # Lawon Lake 0.05 27.22 25.96 675.49 2.394.92 Navarro Mills Lake 1.60 10.72 69.22 463.25 O. C. Fisher Lake C. C. Fisher Lake 2.82 16.39 <td></td> <td></td> <th></th> <td>S F Bay Model Regional Visitor Center</td> <td>00.00</td> <td>00:00</td> <td>2.06</td> <td>203.77</td> <td>205.83</td>				S F Bay Model Regional Visitor Center	00.00	00:00	2.06	203.77	205.83
Bardwell Lake 1.41 8.64 68.31 419.64 Belton Lake 5.38 21.51 449.88 1,799.53 Benbrook Lake 1.30 11.68 120.31 1,799.53 Canyon Lake 5.88 23.51 246.56 986.25 Cooper Lake 2.53 8.96 48.69 172.63 Ferrells Bridge Dam Lake O' The Pines 6.92 16.94 275.95 675.60 Granger Lake 1.38 7.23 54.75 287.44 Granger Lake 1.38 7.23 54.75 287.44 Hords Creek Lake 0.87 15.05 280.50 1,277.84 Hords Creek Lake 1.45.7 13.59 28.05 1,277.84 Hords Creek Lake 0.87 13.65 396.37 1,277.84 Lake Georgetown 7.49 23.72 118.92 376.57 Lake Georgetown 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 7.52 28.95 77.27 235.20	SWD	Fort Worth	_	Aquilla Dam & Lake	0.00	00.00	17.52	47.38	64.90
Belton Lake 5.38 21.51 449.88 1,799.53 Benbrook Lake 1.30 11.68 120.31 1,799.53 Canyon Lake 5.88 23.51 246.56 986.25 Cooper Lake 2.53 8.96 48.69 172.63 Ferrells Bridge Dam Lake O' The Pines 6.92 16.94 275.95 675.60 Granger Lake 1.38 7.23 54.75 287.44 Granger Lake 3.30 15.05 280.50 1,277.84 Hords Creek Lake 0.87 13.59 28.80 451.24 Joe Pool Lake 14.51 18.47 310.65 395.37 Lake Georgetown 7.49 23.72 118.92 376.57 Lake Georgetown 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 69.22 463.25 Proctor Lake 9.62 16.39 816.70 1,390.59				Bardwell Lake	1.41	8.64	68.31	419.64	498.00
Benbrook Lake 1.30 11.68 120.31 1,082.81 Canyon Lake 5.88 23.51 246.56 986.25 Cooper Lake 2.53 8.96 48.69 172.63 Ferrells Bridge Dam Lake O' The Pines 6.92 16.94 275.95 675.00 Granger Lake 1.38 7.23 54.75 287.44 Grapevine Lake 0.87 15.05 280.50 1,277.84 Hords Creek Lake 0.87 13.59 28.80 451.24 Joe Pool Lake 0.87 13.59 28.80 451.24 Lake Georgetown 7.49 23.72 118.92 376.57 Lawon Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 691.75 463.25 O.C. Fisher Lake 9.62 16.39 816.70 1,390.59 Ray Roberts Lake 9.62 16.39 945.07 965.05			#	Belton Lake	5.38	21.51	449.88	1,799.53	2,276.30
Canyon Lake 5.88 23.51 246.56 986.25 Cooper Lake 2.53 8.96 48.69 172.63 Ferrells Bridge Dam Lake O' The Pines 6.92 16.94 275.95 675.60 Granger Lake 1.38 7.23 54.75 287.44 Grapevine Lake 0.87 15.05 28.05 1,277.84 Hords Creek Lake 0.87 13.59 28.80 451.24 Joe Pool Lake 14.51 18.47 310.65 395.37 Lake Georgetown 7.49 23.72 118.92 376.57 Lake Georgetown 7.49 23.72 118.92 376.57 Lavon Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 692.20 463.25 O.C. Fisher Lake 9.62 6.35 774.27 235.20 Proctor Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 980.63				Benbrook Lake	1.30	11.68	120.31	1,082.81	1,216.10
Cooper Lake 2.53 8.96 48.69 172.63 Ferrells Bridge Dam Lake O' The Pines 6.92 16.94 275.95 675.60 Granger Lake 1.38 7.23 54.75 287.44 Grapevine Lake 0.87 13.59 28.050 1,277.84 Hords Creek Lake 0.87 13.59 28.050 1,277.84 Joe Pool Lake 14.51 18.47 310.65 395.37 Lake Georgetown 7.49 23.72 118.92 376.57 Lake Georgetown 7.49 23.72 148.92 376.57 Lake Georgetown 7.30 25.96 675.49 2,395.37 Lake Georgetown 7.32 25.96 675.49 2,395.37 Navarro Mills Lake 1.60 10.72 692.20 463.25 O.C. Fisher Lake 9.62 8.92 74.27 235.20 Proctor Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 <td></td> <td></td> <th>#</th> <td>Canyon Lake</td> <td>5.88</td> <td>23.51</td> <td>246.56</td> <td>986.25</td> <td>1,262.20</td>			#	Canyon Lake	5.88	23.51	246.56	986.25	1,262.20
Ferrells Bridge Dam Lake O' The Pines 6.92 16.94 275.95 675.60 Granger Lake 1.38 7.23 54.75 287.44 Grapevine Lake 3.30 15.05 28.050 1,277.84 Hords Creek Lake 0.87 13.59 28.80 451.24 Joe Pool Lake 14.51 18.47 310.65 395.37 Lake Georgetown 7.49 23.72 118.92 376.57 Lake Georgetown 7.49 23.72 118.92 376.57 Lake Georgetown 7.32 25.96 675.49 2,394.92 Lewisville Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 692.2 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 9.62 16.39 816.70 1,390.59 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.33 47.26 276.59 980.63				Cooper Lake	2.53	8.96	48.69	172.63	232.80
Granger Lake 1.38 7.23 54.75 287.44 Grapevine Lake 3.30 15.05 28.05 1,277.84 Hords Creek Lake 0.87 13.59 28.80 451.24 Joe Pool Lake 14.51 18.47 310.65 395.37 Lake Georgetown 7.49 23.72 118.92 376.57 Lavon Lake 7.32 25.96 675.49 2,394.92 Lewisville Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 69.22 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63			#	I —	6.92	16.94	275.95	675.60	975.40
Grapevine Lake 3.30 15.05 280.50 1,277.84 Hords Creek Lake 0.87 13.59 28.80 451.24 Joe Pool Lake 14.51 18.47 310.65 395.37 Lake Georgetown 7.49 23.72 118.92 376.57 Lavon Lake 3.10 9.29 407.75 1,223.26 Lewisville Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 69.22 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63				Granger Lake	1.38	7.23	54.75	287.44	350.80
Hords Creek Lake 0.87 13.59 28.80 451.24 Joe Pool Lake 14.51 18.47 310.65 395.37 Lake Georgetown 7.49 23.72 118.92 376.57 Lavon Lake 3.10 9.29 407.75 1,223.26 Lewisville Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 69.22 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Raybum Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63			#	Grapevine Lake	3.30	15.05	280.50	1,277.84	1,576.70
Joe Pool Lake 14.51 18.47 310.65 395.37 Lake Georgetown 7.49 23.72 118.92 376.57 Lavon Lake 3.10 9.29 407.75 1,223.26 Lewisville Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 69.22 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Raybum Reservoir 13.61 20.42 645.07 967.60 Sam Raybum Reservoir 13.33 47.26 276.59 980.63			<u>L</u>	Hords Creek Lake	0.87	13.59	28.80	451.24	494.50
Lake Georgetown 7.49 23.72 118.92 376.57 Lavon Lake 3.10 9.29 407.75 1,223.26 Lewisville Lake 7.32 25.96 675.49 2,394.92 Navarro Mills Lake 1.60 10.72 69.22 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63			#	Joe Pool Lake	14.51	18.47	310.65	395.37	739.00
Lavon Lake 3.10 9.29 407.75 1,223.26 Lewisville Lake 7.32 25.96 675.49 2,394.92 Navarro Mils Lake 1.60 10.72 69.22 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63			_	Lake Georgetown	7.49	23.72	118.92	376.57	526.70
Lewisville Lake 7.32 25.96 675.49 2,394.92 Navarro Mils Lake 1.60 10.72 69.22 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63			#	Lavon Lake	3.10	9.29	407.75	1,223.26	1,643.40
Navarro Mills Lake 1.60 10.72 69.22 463.25 O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63			#	Lewisville Lake	7.32	25.96	675.49	2,394.92	3,103.70
O.C. Fisher Lake 0.05 5.35 9.75 965.05 Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63				Navarro Mills Lake	1.60	10.72	69.22	463.25	544.80
Proctor Lake 2.82 8.92 74.27 235.20 Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63				O.C. Fisher Lake	0.05	5.35	9.75	965.05	980.20
Ray Roberts Lake 9.62 16.39 816.70 1,390.59 Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63				Proctor Lake	2.82	8.92	74.27	235.20	321.20
Sam Rayburn Reservoir 13.61 20.42 645.07 967.60 Somerville Lake 13.33 47.26 276.59 980.63				Ray Roberts Lake	9.62	16.39	816.70	1,390.59	2,233.30
Somerville Lake 13.33 47.26 276.59 980.63			*	Sam Rayburn Reservoir	13.61	20.42	645.07	09.796	1,646.70
(Sheet 12 of 15)			#	Somerville Lake	13.33	47.26	276.59	980.63	1,317.80
			1						(Sheet 12 of 15

SWD (cont) Fort Worth (cont) Sti SWD (cont) Fort Worth (cont) To To # WM # WM Ba # Bit # Bit Little Rock # Bit # Dit Circle Git Git M # Mit # Mit M # Mit # Mit M # Mit # Mit M # Mit Mit M # Mit Mit M Mit Mit M					1	_
		Campers		Day Users (inc. OVN)	Inc. Ovn) Nonhoater	Total
# # # # # # # # # # # # # # # # # # #	House Hollow Receptoir	82		60:	331.74	433.80
	Town Bluff Dam B.A. Steinhagen Lake		10.95	73.92	247.46	335.60
# # # # # # # # # # # # # # # # # # # #		2.23 18.	18.08	192.51	1,557.58	1,770.40
# # # # # # # # # # # # # # # # # # # #	Whitney Lake	7.00 29.	29.84	216.95	924.90	1,178.70
# # # # # # # # # # # # # # # # # # # #	Wright Patman Dam and Lake	4.65 28.	28.55	155.58	955.72	1,144.50
# # # # # # # # # # # # # # # # # # # #	Addicks Dam	0.00	00.0	00.0	1,814.10	1,814.10
# # # # # # # # # # # # # # # # # # #	Barker Dam		00.00	0.00	555.80	555.80
# # # # # # # # # # # # # # # # # # # #	Wallisville Reservoir		0.00	27.66	145.24	172.90
	Beaver Lake	2	25.58	658.92	1,694.36	2,388.80
	Blue Mountain Lake	1.73	4.93	45.41	129.23	181.30
	Bull Shoals Lake	14.27	16.10	2,595.40	2,926.73	5,552.50
	Clearwater Lake	4.63 13	13.90	90.94	272.82	382.30
	Dardanelle Lake - Ark. Riv. Nav. Sys	4.78	17.97	414.22	1,558.24	1,995.20
	David D. Terry Lock and Dam - Ark. Riv. Nav. Sys	0.41	1.31	313.29	992.09	1,307.10
	Dequeen Lake	1.00	3.54	47.84	169.62	222.00
	Dierks Lake	1.15	6.51	23.02	130.42	161.10
	Gillham Lake		4.99	19.63	95.85	121.50
	Greers Ferry Lake		59.07	1,211.78	4,296.29	5,583.80
	John Paul Hammerschmidt Lake	0.51	3.75	103.25	757.19	864.70
	Millwood Lake	2.37	4.82	198.93	403.88	610.00
	Murray Lock and Dam - Ark. Riv. Nav. Sys	1.45	13.06	73.15	658.34	746.00
1	Nimrod Lake	2.08	7.37	81.43	288.72	379.60
2 0 1	Norfork Lake	14.40	15.60	781.59	846.72	1,658.30
	and Da		0.00	14.69	25.01	39.70
	Ozark Lake - Ark. Riv. Nav. Sys	0.26	1.61	64.59	396.74	463.20
_	Pool 3 Lock and Dam - Ark, Riv. Nav. Sys		0.72	14.01	63.82	78.70
	Pool 4 Lock and Dam - Ark. Riv. Nav. Sys	00.0	0.00	178.73	362.87	541.60
	Pool 5 Lock and Dam - Ark. Riv. Nav. Sys	0.39	2.23	26.13	148.05	176.80
	Rockefeller Lake-Ormand L & D- Ark. Riv. Nav. Sys	0.21	1.66	22.16	179.27	203.30
#	Table Rock Lake	12.27 59	59.93	865.23	4,224.36	5,161.80
	Toad Suck Ferry Lock and Dam- Ark. Riv. Nav. Sys	0.71	4.36	62.01	380.92	448.00
>	Wilbur D. Mills Lock and Dam- Ark. Riv. Nav. Sys	2.57	6.01	90.28	210.64	309.50
						(Sheet 13 of 15)

Table E1	Table E1 (Continued)							
Divieion	District		400		Campers	Day Users	Day Users (inc. OVN)	
DIVISION			riojeci	Boater	Nonboater	Boater	Nonboater	Total
SWD (cont)	Tulsa		Arcadia Lake	0.93	5.72	28.85	177.20	212.69
			Birch Lake	0.27	3.60	7.48	99.41	110.77
			Broken Bow Lake	0.79	14.98	45.77	99.698	931.20
		#	Canton Lake	2.70	14.17	138.40	726.62	881.90
			Chouteau Lock and Dam 17	0.05	0.86	11.04	172.94	184.90
			Copan Lake	0.25	2.58	5.74	57.99	66.56
			Council Grove	0.12	11.68	3.22	318.29	333.30
			El Dorado Lake	2.16	33.83	35.53	556.58	628.10
			Elk City Lake	0.12	3.94	3.80	122.94	130.80
		#	Eufaula Lake	5:95	43.65	249.30	1,828.20	2,127.10
			Fall River Lake	0.07	3.35	2.80	137.08	143.30
		#	Fort Gibson Lake	2.59	34.40	166.58	2,213.09	2,416.65
			Fort Supply Lake	60:0	4.59	4.99	244.62	254.30
			Great Salt Plains	60:0	8.66	2.84	280.91	292.50
			Heyburn Lake	0.24	3.18	8.57	113.85	125.84
			Hugo Lake	0.44	3.97	33.21	298.90	336.52
			Hulah Lake	0.39	6.12	5.22	81.86	93.59
			John Redmond Reservoir	0.07	3.67	4.01	196.59	204.34
			Kaw Lake	0.56	5.69	13.69	138.46	158.41
		#	Keystone Lake	4.19	28.04	160.38	1,073.29	1,265.90
			Marion Reservoir	3.20	12.81	79.76	319.03	414.80
			Newt Graham Lock and Dam 18	0.10	1.21	15.08	173.41	189.80
		#	Oologah Lake	1.00	8.99	124.80	1,123.23	1,258.02
			Optima Lake	0.01	0.47	0.65	31.87	33.00
· · · · · · · · · · · · · · · · · · ·			Pat Mayse Lake	0.67	21.67	6.40	207.07	235.82
			Pearson-Skubitz Big Hill Lake	0.94	5.75	21.13	129.77	157.57
			Pine Creek Lake	69.0	6.25	19.92	179.24	206.10
			Robert S. Kerr, Lock and Dam 15	0.12	5.93	18.35	899.20	923.60
			Sardis Lake	0.22	7.21	8.59	277.79	293.82
		Í	Skiatook Lake	0.63	7.28	46.23	531.70	585.84
	4 40	#	Tenkiller Ferry Lake	4.93	30.31	155.96	958.03	1,149.24
		#	Texoma Lake	24.91	93.73	1,222.51	4,598.97	5,940.13
			Toronto Lake	0.74	17.66	3.57	85.73	107.70
								(Sheet 14 of 15)
				127				

Table E1 ((Table E1 (Concluded)						
1	,		Сап	Campers	Day Users	Day Users (inc. OVN)	
Division	District	Project	Boater	Nonboater	Boater	Nonboater	Total
	ulsa (cont)	Truscott Brine Lake, Area VIII	0.00	0.00	1.50	90.9	7.50
. /	(Waurika Lake	1.15	7.05	65.24	400.76	474.20
		Wd Mavo Lock and Dam 14	0.07	69.0	9.81	99.23	109.80
		Webbers Falls Lock and Dam 16	60.0	1.45	30.63	479.92	512.10
		Wister Lake	0.23	11.15	8.09	396.49	415.96
		Total	1,174	4,302	83,264	296,762	385,501
		Average	2.57	9.43	182.60	620.79	845.40
							(Sheet 15 of 15)

Regional Economic Impacts for All CE Projects: Sales¹ (Continued) Division District Troject Total Span LRD Detroit Numbreway 2.41 St. Marys River 8.03 39.62 Akwood Lake 13.17 Beach City Lake 13.75 Beach Fork Lake 12.25 Belleville Locks and Dam <ohio r=""> 2.90 Belleville Locks and Dam <ohio r=""> 12.25 Belleville Locks and Dam <ohio r=""> 12.25 Capt Anthory Meldahl Locks and Dam <ohio r=""> 10.77 Charfes Mills Lake 7.47 Charfes Mills Lake 12.26 Charfes Mill Lake 2.83 Charfes Mill Lake 2.88 Charfes Mill Lake 12.26 Charfes Mill Lake 2.88 Belev Deer Creek Lake 12.26 Delway Lake 10.77 Delway Lake 10.77 Dover Dam East Lym Lake 6.73 Greenup Locks and Dam <alpha and="" dam="" reservoir<="" td="" wienspan=""> 5.95 John W Flamagan Dam <akanawha river=""> 2.72</akanawha></alpha></ohio></ohio></ohio></ohio>						
Detroit Duluth-Superior Harbor Detroit Keweenaw Waterway St. Marys River Sturgeon Bay and Lake Michigan Ship Canal Huntington # Alum Creek Lake Beach City Lake Beach City Lake Beleville Locks and Dam <ohio r=""> # Bluestone Lake Belleville Locks and Dam <ohio r=""> Charles Mill Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Clendening Lake Belever Lake Delaware Lake Delaware Lake Dillon Lake Daver Dam East Lynn Lake Grason Lake Grason Lake Grason Lake Grason Lake Leesville Lake Grason Lake</ohio></ohio></ohio>		ned)				
Detroit Reweenaw Waterway St. Marys River Sturgeon Bay and Lake Michigan Ship Canal Huntington # Alum Creek Lake Beach City Lake Beach City Lake Beach Fork Lake Belleville Locks and Dam «Ohio R> Charles Mill Lake Capt Anthrony Meldahl Locks and Dam «Ohio R> Charles Mill Lake Delaware Lake Delaware Lake Delaware Lake Delaware Lake Delaware Lake Delaware Lake Dover Dam East Lynn Lake Greenup Locks and Dam «Ohio R> John W Fiannagan Dam and Reservoir Leesville Lake Charles Mill Lake Dover Dam East Lynn Lake Greenup Locks and Dam «Ohio R> John W Fiannagan Dam and Reservoir Leesville Lake London Locks and Dam «Kanawha River> Marmet Locks and Dam «Kanawha River>	***************************************	Total Spending		Sales Ef	Sales Effects (\$MM)	
Detroit Duluth-Superior Harbor Neweenaw Waterway	Ject	(\$MM)	Direct	Indirect	Induced	Total
Keweenaw Waterway St. Marys River Sturgeon Bay and Lake Michigan Ship Canal # Alum Creek Lake Atwood Lake Beach City Lake Beach Fork Lake Belleville Locks and Dam <ohio r=""> # Bluestone Lake Belleville Locks and Dam <ohio r=""> # Bluestone Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Clendening Lake Clendening Lake Clendening Lake Delaware Lake Delaware Lake Delaware Lake Delaware Lake Clendening Lake Delaware Lake Clendening Lake Dover Dam East Lynn Lake Clenden Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake Creeville Lake Creckille Lake Creckille Lake Chodon Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio></ohio></ohio>	Duluth-Superior Harbor	14.00	9.18	1.65	4.37	15.21
St. Marys River Sturgeon Bay and Lake Michigan Ship Canal # Alum Creek Lake Atwood Lake Beach City Lake Beleville Locks and Dam <ohio r=""> # Bluestone Lake Belleville Locks and Dam <ohio r=""> # Buestone Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Clendening Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Clendening Lake Delaware Lake Dover Dam East Lynn Lake Fishtrap Lake Grayson Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio></ohio></ohio></ohio></ohio>	Keweenaw Waterway	2.41	1.58	0.28	0.75	2.62
# Alum Creek Lake # Alum Creek Lake # Akwood Lake # Beach City Lake # Beach City Lake # Beach Fork Lake # Beach Fork Lake # Buestone Lake # Bulestone Lake # Bulestone Lake # Burnsville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Clendening Lake # Delaware Lake Delaware Lake Dillon Lake Dillon Lake Fishtrap Lake Fishtrap Lake Gresuup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake Greenup Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio>	St. Marys River	8.03	5.26	0.95	2.51	8.72
# Alum Creek Lake Atwood Lake Beach City Lake Beach City Lake Beech Fork Lake Belleville Locks and Dam <ohio r=""> # Bluestone Lake Bolivar Dam Burnsville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Clardening Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Clandening Lake # Deer Creek Lake Delaware Lake Delaware Lake Devey Lake Dillon Lake East Lynn Lake Fishtrap Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio></ohio></ohio>		0.17	0.11	0.02	0.05	0.19
Atwood Lake Beach City Lake Beech Fork Lake Belleville Locks and Dam <ohio r=""> Bluestone Lake Belleville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Clendening Lake Deer Creek Lake Dewey Lake Dewey Lake Dillon Lake East Lynn Lake Fishtrap Lake Grayson Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio></ohio></ohio></ohio>	Alum Creek Lake	39.62	24.57	4.14	13.36	42.07
Beach City Lake Belleville Locks and Dam <ohio r=""> Belleville Locks and Dam <ohio r=""> Burnsville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Deer Creek Lake Delaware Lake Delaware Lake Delaware Lake East Lynn Lake Capt Lake Dover Dam East Lynn Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake Condon Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio></ohio></ohio></ohio>	Atwood Lake	19.17	12.58	2.26	5.99	20.83
Beech Fork Lake Belleville Locks and Dam <ohio r=""> Bluestone Lake Bolivar Dam Burnsville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Clendening Lake Deer Creek Lake Deer Creek Lake Dewey Lake Delaware Lake Delaware Lake East Lynn Lake Fishtrap Lake Grayson Lake Grayson Lake Fishtrap Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio></ohio>	Beach City Lake	0.72	0.47	80.0	0.22	0.78
Belleville Locks and Dam <ohio r=""> Bluestone Lake Bolivar Dam Burnsville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Clendening Lake Deer Creek Lake Deer Creek Lake Delaware Lake Delaware Lake Delaware Lake East Lynn Lake Fishtrap Lake Grayson Lake Grayson Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio></ohio>	Beech Fork Lake	11.55	7.58	1.36	3.61	12.55
Bluestone Lake Bolivar Dam Burnsville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Clendening Lake Deer Creek Lake Dewy Lake Dillon Lake Dover Dam East Lynn Lake Fishtrap Lake Grayson Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio>	Belleville Locks and Dam <ohio r=""></ohio>	12.27	8.13	1.77	3.58	13.47
Bolivar Dam Burnsville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Charles Mill Lake Clendening Lake Deer Creek Lake Delaware Lake Dewey Lake Dillon Lake East Lynn Lake Fishtrap Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio>	Bluestone Lake	21.11	13.85	2.49	09.9	22.94
Burnsville Lake Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Charles Mill Lake Clendening Lake Deer Creek Lake Delaware Lake Dewey Lake Dillon Lake Dover Dam East Lynn Lake Fishtrap Lake Fishtrap Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio>	Bolivar Dam	2.90	1.90	0.34	0.91	3.15
Capt Anthony Meldahl Locks and Dam <ohio r=""> Charles Mill Lake Clendening Lake Deer Creek Lake Delaware Lake Delaware Lake Dillon Lake Dover Dam East Lynn Lake Fishtrap Lake Grayson Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio></ohio>	Burnsville Lake	7.47	4.90	0.88	2.34	8.12
Charles Mill Lake Clendening Lake Deer Creek Lake Delaware Lake Delaware Lake Dewey Lake Dillon Lake East Lynn Lake Fishtrap Lake Fishtrap Lake Grayson Lake Grayson Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio>	Capt Anthony Meldahl Locks and Dam <ohio r=""></ohio>	10.77	7.06	1.27	3.36	11.70
Clendening Lake Deer Creek Lake Delaware Lake Delaware Lake Dewey Lake Dillon Lake East Lynn Lake Fishtrap Lake Fishtrap Lake Grayson Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio>	Charles Mill Lake	12.58	8.25	1.49	3.93	13.67
Deer Creek Lake Delaware Lake Delaware Lake Dewey Lake Dillon Lake East Lynn Lake Fishtrap Lake Grayson Lake Greenup Locks and Dam <ohio r=""> John W Flannagan Dam and Reservoir Leesville Lake London Locks and Dam <kanawha river=""> Marmet Locks and Dam <kanawha river=""></kanawha></kanawha></ohio>	Clendening Lake	2.88	1.89	0.34	06:0	3.13
ke se ks and Dam <ohio r=""> nagan Dam and Reservoir e s and Dam <kanawha river=""> s and Dam <kanawha river=""> s and Dam <kanawha river=""></kanawha></kanawha></kanawha></ohio>	Deer Creek Lake	53.10	34.83	6.27	16.60	57.69
ke e ks and Dam <ohio r=""> nagan Dam and Reservoir e s and Dam <kanawha river=""> s and Dam <kanawha river=""></kanawha></kanawha></ohio>	Delaware Lake	12.26	8.04	1.45	3.83	13.32
I <ohio r=""> and Reservoir</ohio>	Dewey Lake	11.75	7.43	1.26	4.78	13.47
I <ohio r=""> 2 and Reservoir <kanawha river=""> <kanawha river=""> <kanawha river=""></kanawha></kanawha></kanawha></ohio>	Dillon Lake	18.97	12.44	2.24	5.93	20.61
1 <ohio r=""> 2 and Reservoir 2 <kanawha river=""> <kanawha river=""></kanawha></kanawha></ohio>	Dover Dam	2.63	1.72	0.31	0.82	2.85
<ohio r=""> and Reservoir </ohio>	East Lynn Lake	4.68	3.07	0.55	1.46	5.09
<pre><ohio r=""> and Reservoir </ohio></pre> <<<<<<<<a hr<="" th=""><th>Fishtrap Lake</th><td>11.46</td><td>7.54</td><td>1.59</td><td>3.08</td><td>12.21</td>	Fishtrap Lake	11.46	7.54	1.59	3.08	12.21
I <ohio r=""> and Reservoir </ohio>	Grayson Lake	9.24	90.9	1.09	2.89	10.04
and Reservoir	Greenup Locks and Dam <ohio r=""></ohio>	29.55	19.38	3.49	9.24	32.11
<kanawha river=""></kanawha>	John W Flannagan Dam and Reservoir	5.90	3.87	0.70	1.84	6.41
<kanawha river=""></kanawha>		2.72	1.78	0.32	0.85	2.95
<kanawha river=""></kanawha>	London Locks and Dam <kanawha river=""></kanawha>	0.01	0.01	0.00	00:00	0.01
	Marmet Locks and Dam <kanawha river=""></kanawha>	0.88	0.58	0.10	0.28	96.0
						(Sheet 1 of 15)

Impacts on counties within 30 miles of CE projects of visitor trip spending within 30 miles of the projects.

Notes: LRD = Great Lakes and Ohio River; MVD = Mississippi Valley; NAD = North Atlantic; NWD = Northwestern; POD = Pacific Ocean; SAD = South Atlantic; SPD = South Pacific; SWD = Southwestern.

Projects where surveys were conducted to create the spending profiles for this study.

Projects where the IMPLAN economic impact models have been built (Becker 1997).

Division D	District	Project	Total Spending	Direct	Sales ET	Sales Effects (\$MM)	Total
Ę	Huntington (cont)	Mohawk Dam	3.54	2.32	0.42	1.11	3.85
		Mohicanville Dam	0.17	0.11	0.02	0.05	0.18
		North Branch Kokosing River Lake	2.60	1.70	0.31	0.81	2.82
		North Fork of Pound River Lake	1.78	1.17	0.21	0.56	1.93
		Paint Creek Lake	12.08	7.92	1.43	3.78	13.13
		Paintsville Lake	11.42	7.49	1.35	3.57	12.41
		Piedmont Lake	2.59	1.70	0.31	0.81	2.81
		Pleasant Hill Lake	10.78	7.07	1.27	3.37	11.71
		R D Bailey Lake	8.70	5.71	1.03	2.72	9.45
		Racine Locks and Dam <ohio r=""></ohio>	2.00	1.31	0.24	0.63	2.17
		Robert C. Byrd Locks and Dam <ohio r=""></ohio>	1.15	0.76	0.14	0.36	1.25
		# Senecaville Lake	17.04	11.18	2.01	5.33	18.52
			13.86	60.6	1.64	4.33	15.06
		Sutton Lake	7.79	5.11	0.92	2.43	8.46
		Tappan Lake	11.32	7.43	1.34	3.54	12.30
		Tom Jenkins Dam and Burr Oak Lake	6.64	4.35	0.78	2.07	7.21
		Willow Island Locks and Dam <ohio r=""></ohio>	4.20	2.75	0:20	1.31	4.56
		Wills Creek Lake	0.42	0.28	0.05	0.13	0.46
		Winfield Lock and Dam <kanawha river=""></kanawha>	5.85	3.83	69.0	1.83	6.35
		Yatesville Lake	5.30	3.20	0.36	1.54	5.10
<u> </u>	Louisville	i# Barren River Lake	22.49	14.75	2.66	7.03	24.44
		Brookville Lake	14.79	9.83	1.37	4.39	15.58
		Buckhorn Lake	4.16	2.73	0.49	1.30	4.52
		Caesar Creek Lake	19.49	12.78	2.30	60.9	21.17
		Cagles Mill Lake	4.03	2.64	0.48	1.26	4.38
		Cannelton Lock and Dam + Ohio River	0.62	0.39	0.08	0.19	0.66
		Carr Creek Lake	9.24	90.9	1.09	2.89	10.04
		Cave Run Lake	6.79	4.45	08.0	2.12	7.37
		# Cecil M. Harden Lake	21.39	14.03	2.53	69.9	23.24
		Clarence J Brown Dam and Reservoir	13.85	60'6	1.64	4.33	15.05
		Green River Lake	15.06	9886	1.78	4.71	16.36
		Greenriver +2 Locks	0.37	0.24	0.04	0.11	0.40
		J. Edward Roush Lake	6.32	4.14	0.75	1.97	6.87
						-	(3 / 3 - 6 4 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -

Division District Project Cualishing District District Cualishing Cardishing C	Table E2	Table E2 (Continued)							
CourseVille (cort)			Ľ	•	Total Spending		Sales Eff	fects (\$MM)	
Louisville (cont) John II. Nyeez Lock and Dann 2.48 1.63 0.29 0.78 Lock & Dan 15 Yolio River T 0.44 0.31 0.06 0.15 Lock & Dan 15 Yolio River T 0.11 0.07 0.01 0.05 Markland Lock and Dan + Ohio River T 3.39 2.22 0.40 1.67 Missistened Lake 13.54 9.08 1.63 4.33 Missistened Lake 13.54 2.22 0.40 1.06 Missistened Lake 13.54 2.25 0.40 1.05 Markland Lock and Dam + Ohio River 6.72 4.32 0.64 1.85 Markland Lock and Dam + Ohio River 6.72 4.32 0.64 1.85 Parkland Lake 1.74 3.72 0.64 1.85 Salamonine Lake 1.90 7.29 1.27 9.85 Salamonine Lake 1.180 7.29 1.27 9.85 Salamonine Lake 1.180 7.29 1.27 9.85 West Fork Of Mill Creek Lake 1.180	ᅱ	District	Ĕ	roject	(\$MM)	Direct	Indirect	Induced	Total
Market Locks 1.79 1.18 0.21 0.56 Lock & Dami S2 + Ohio River 0.44 0.31 0.07 0.01 0.01 Lock & Dami S2 + Ohio River 0.41 0.07 0.01 0.01 Maskisninwa Lake 0.48 0.31 0.074 1.67 0.07 Massisninwa Lake 0.48 0.22 0.40 1.68 0.33 0.22 0.40 0.01 0.03 Massisninwa Lake 0.48 0.08 1.250 2.25 0.64 1.89 0.08 0		Louisville (cont)	_	John T. Myers Lock and Dam	2.48	1.63	0.29	0.78	2.70
Lock & Dam S2 + Ohio River 0.48 0.31 0.06 0.15 Markland Lock and Dam + Ohio River 4.51 0.07 0.07 0.01 0.03 Markland Lock and Dam + Ohio River 4.51 3.07 0.74 1.66 Markland Lock and Dam + Ohio River 13.84 9.06 1.63 4.33 Movbugh Lock and Dam + Ohio River 6.72 4.32 0.64 1.06 Movbugh Lock and Dam + Ohio River 6.72 2.067 3.72 9.85 H Noll River Lake 17.41 11.42 2.06 5.44 R Rough River Lake 17.41 11.42 2.06 5.44 Salamonic Lake 11.80 7.25 1.27 2.95 Salamonic Lake 11.80 1.74 1.43 3.49 5.10 Taylorsville Lake 1.80 1.62 1.03 0.09 1.03 0.09 Methin Lake Dark Lake 1.80 3.54 2.32 1.73 1.26 1.26 H William H Harba Lake 1.80 3.54 2.32				Kentucky River + 4 Locks	1.79	1.18	0.21	0.56	1.95
Mississinewal Lock a Dam S3 + Ohio River			<u> </u>	Lock & Dam 52 + Ohio River	0.48	0.31	90.0	0.15	0.52
Markland Lock and Dam + Ohlo River 4.51 3.07 0.74 1.67 Micalpine Lock and Dam + Ohlo River 13.39 2.22 0.40 1.06 # Monroe Lake 13.84 9.08 1.65 4.32 0.64 1.89 # Newfuncy Lake 17.41 11.42 2.06 2.25 5.96 1.89 # Nowfuncy Lake 17.41 11.42 2.06 3.72 9.65 1.89 # Nowfuncy Lake 17.41 11.42 2.06 3.49 9.25 1.89 # Rough River Lake 17.41 11.42 2.06 5.44 9.25 Salamond Lake 11.80 7.29 1.27 2.851 1.97 4.21 Taylorsville Lake 11.80 7.29 1.26 2.79 1.88 1.96 1.9				Lock & Dam 53 + Ohio River	0.11	0.07	0.01	0.03	0.12
Mississinava Lake 1384 2.22 0.40 1.06 Mississinava Lake 13.84 9.08 1.63 4.33 # Montoe Lake 19.06 1.50 0.64 1.89 Newburgh Lock and Dam + Ohio River 6.72 2.05 3.72 9.85 # Nolin River Lake 2.06 2.06 3.72 9.85 # Rough River Lake 2.06 1.44 11.42 2.06 5.44 Salamonie Lake 11.30 7.36 1.27 9.85 Salamonie Lake 11.80 7.36 1.27 2.06 West Fork Carle 11.80 7.29 1.27 2.56 West Fork Call Creek Lake 11.80 7.29 1.27 2.79 # William H Harsha Lake 16.25 10.71 1.93 5.10 # William H Harsha Lake 16.36 39.59 7.13 18.86 # Cheathen Lick and Dam Lake Barkley 60.36 39.59 7.13 18.86 # Cheathen Lick and Dam Reservoir 48.89 3.14 <t< td=""><td></td><td></td><td></td><td>Markland Lock and Dam + Ohio River</td><td>4.51</td><td>3.07</td><td>0.74</td><td>1.67</td><td>5.47</td></t<>				Markland Lock and Dam + Ohio River	4.51	3.07	0.74	1.67	5.47
# Monroe Lake Nohomoe Lake Patoka Lake Patoka Lake Patoka Lake Smallhand Lock and Dam + Ohio River Noin River Lake Noin River Lake Smallhand Lock and Dam + Ohio River Nost Fork Of Mill Creek Lake Noin River Lake Noin Creek Lake Noin River River Noin River Lake Noin River River River River Noin River Rive				Mcalpine Lock and Dam + Ohio River	3.39	2.22	0.40	1.06	3.68
# Monroe Lake Newburgh Lock and Dam + Ohio River Holin River Lake Howburgh Lock and Dam + Ohio River # Rough River Lake # Salamonie Lake # William H Harsha Lake # Cheathar Lock and Dam # Cheathar Lock and Dam # Cheathar Lock and Dam # Cordell Hull Dam and Reservoir # Dale Hollow Lake # Cordell Hull Dam and Reservoir # Dale Hollow Lake # Word Creek Lake # Uold Hickory Lock and Dam # Wolf Creek Dam Lake Dam # Wolf Creek Dam Lake Cumberland # Soft # Soft # Sof				Mississinewa Lake	13.84	9.08	1.63	4.33	15.04
Mewburgh Lock and Dam + Ohio River 6.72 4.32 0.64 1.89			#		19.06	12.50	2.25	5.96	20.71
## Nolin River Lake 31.52 20.67 3.72 9.85 Patket Lake 17.41 11.42 2.06 5.44 # Rough River Lake 17.41 11.42 2.06 5.44 Salamonie Lake 119.02 73.56 12.27 29.57 Salamonie Lake 119.02 73.56 1.27 29.51 West Fonk Of Mill Creek Lake 11.80 7.29 1.27 29.51 West Fonk Of Mill Creek Lake 11.80 7.29 1.26 2.79 # William H Harsha Lake 60.36 39.50 7.13 18.63 # Villiam H Harsha Lake 60.36 39.50 7.13 18.63 # Content Hill Lake 60.36 39.50 7.13 18.63 # Content Hill Lake 35.47 23.26 4.19 11.06 # Content Hill Lake 35.47 23.26 4.19 11.08 # Content Hill Lake 37.71 27.7 0.35 0.99 # Content Lake 48.69 31.94 5.75 17.48 <td></td> <td></td> <td><u> </u></td> <td></td> <td>6.72</td> <td>4.32</td> <td>0.64</td> <td>1.89</td> <td>98.9</td>			<u> </u>		6.72	4.32	0.64	1.89	98.9
# Rough River Lake 17.41 11.42 2.06 5.44 # Rough River Lake 19.41 3.49 9.25 Salamonic Lake 119.02 73.56 12.27 29.51 Smilliand Lock and Dam + Ohio River 0.28 0.19 0.09 0.09 West Fork Of Mill Creek Lake 11.80 7.29 1.26 2.79 # William H Harsha Lake 16.32 10.71 1.93 5.10 # William H Harsha Lake 16.32 10.71 1.93 5.10 # Sarkley Lock and Dam Lake Barkley 60.36 39.59 7.13 18.86 # Cheatham Lock and Dam and Reservoir 48.69 37.47 23.26 4.19 11.08 # Cordell Hull Dam and Reservoir 95.41 62.48 5.75 15.27 0.39 # Joercy Priest Dam and Reservoir 95.44 62.48 17.48 36.65 # Joercy Priest Dam and Reservoir 95.44 62.48 17.48 36.65 # Joercy Priest Dam Lake Cumberland 86.97 5.48 17.69 17.56			#		31.52	20.67	3.72	9.85	34.24
# Rough River Lake 29.59 19.41 3.49 9.25 Salamonic Lake 119.02 73.56 12.27 29.51 Salamonic Lake 0.28 0.19 0.03 0.09 Taylorsville Lake 16.25 10.30 1.27 29.51 West Fork Of Mill Creek Leke 11.80 7.29 1.26 2.79 # William H Harsha Lake 16.32 10.71 1.93 5.10 # William H Harsha Lake 60.36 39.59 7.13 18.86 # Cheatham Lock and Dam 35.47 23.26 4.19 11.08 # Cheatham Lock and Dam 35.47 23.26 4.19 11.08 # Cordell Hull Dam and Reservoir 48.69 31.34 5.75 15.65 # Cordell Hull Dam and Reservoir 95.44 62.48 17.48 36.65 # Laure River Lake 2.32 1.59 0.35 0.31 # Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 # Wolf Creek Dam Lake Crowked Creek Dam			_	Patoka Lake	17.41	11.42	2.06	5.44	18.92
Salamonie Lake Smithland Lock and Dam + Ohio River Card Dam Lake Barkley Cordel Hull Dam and Reservoir Card Dam Card Card Card Dam Card Dam Card Card Card Dam Ca			#		29.59	19.41	3.49	9.25	32.15
Smithland Lock and Dam + Ohio River 0.28 0.19 0.03 0.09 Taylorsville Lake 16.25 10.30 1.97 4.21 West Fork Of Mill Creek Lake 11.80 7.29 1.26 2.79 # William H Harsha Lake 16.32 10.71 1.93 5.10 ## Barkley Lock and Dam 16.35 39.59 7.73 18.86 # Cheater Hill Lake 59.61 39.10 7.04 18.86 # Cheater Hill Lake 60.36 39.59 7.73 18.86 # Cheater Hill Lake 60.36 39.10 7.04 18.86 # Cheater Hill Lake 18.69 37.47 37.70 6.78 17.86 # Dale Hollow Lake 57.47 37.70 6.78 17.86 17.86 # Jercy Priest Dam and Reservoir 95.44 62.48 12.48 36.65 # Laurel River Lake 3.71 2.27 0.35 0.91 Martins Fork Lake 2.32 1.59 0.39 0.94 Berlin Lake Conemaug			<u> </u>	Salamonie Lake	119.02	73.56	12.27	29.51	115.33
Taylorsville Lake 16.25 10.30 1.97 4.21 West Fork Of Mill Creek Lake 11.80 7.29 1.26 2.79 # William H Harsha Lake 16.32 10.71 1.93 5.10 ## Center Hill Lake 59.61 39.59 7.13 18.86 # Cheath Hull Dam and Reservoir 48.69 31.94 5.76 11.08 # Cheath Hull Dam and Reservoir 48.69 31.94 5.75 15.22 # Cheath Hull Dam and Reservoir 95.44 62.48 17.96 17.06 # Date Hollow Lake 57.47 37.70 6.78 17.96 # J Percy Priest Dam and Reservoir 95.44 62.48 12.48 36.65 # J Percy Priest Dam and Reservoir 95.44 62.48 17.96 17.96 # J Percy Priest Dam and Reservoir 95.44 62.48 17.48 36.65 # Wolf Creek Dam Lake 2.32 1.59 0.39 0.91 # Wolf Creek Lake Crowled Creek Lake 1.41 3.56 1.54 Crowled Oreek					0.28	0.19	0.03	60.0	0.31
West Fork Of Mill Creek Lake 11.80 7.29 1.26 2.79 # William H Harsha Lake 16.32 10.71 1.93 5.10 # Barkley Lock and Dam Lake Barkley 60.36 39.59 7.13 18.86 # Center Hill Lake 59.61 39.10 7.04 18.63 # Cheatham Lock and Dam 35.47 23.26 4.19 11.08 # Cordell Hull Dam and Reservoir 48.69 31.94 5.75 15.22 # Dale Hollow Lake 57.47 37.70 6.78 17.06 # Jercy Priest Dam and Reservoir 95.44 62.48 17.48 36.65 # Jercy Priest Dam and Reservoir 95.44 62.48 17.48 36.65 # Jercy Priest Dam and Reservoir 180.49 11.59 0.35 0.99 # Aurel River Lake 2.32 1.59 0.35 0.91 # Wolf Creek Dam Lake Cumberland 86.97 56.47 8.46 0.043 Berlin Lake Conemaugh River Lake 4.93 3.23 0.16 Conemaugh River			<u>L</u>	Taylorsville Lake	16.25	10.30	1.97	4.21	16.48
# William H Harsha Lake 16.32 10.71 1.93 5.10 I# Barkley Lock and Dam Lake Barkley 60.36 39.59 7.13 18.86 I# Center Hill Lake 59.61 39.10 7.04 18.63 # Cheatham Lock and Dam 35.47 23.26 4.19 11.08 # Cordell Hull Dam and Reservoir 48.69 31.94 5.75 15.22 # Dale Hollow Lake 57.47 37.70 6.78 17.96 # Jeucy Priest Dam and Reservoir 95.44 62.48 12.48 36.65 # Laurel River Lake 3.71 2.27 0.35 0.99 Martins Fork Lake 3.71 2.27 0.35 0.91 Martins Fork Lake 180.49 110.04 17.03 47.55 # Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 Berlin Lake Conemaugh River Lake 4.93 3.23 0.58 1.54 Crooked Creek Lake 4.93 3.23 0.58 0.16 Dashields Locks and Dam <ohio riv<="" td=""><td></td><td></td><td></td><td>West Fork Of Mill Creek Lake</td><td>11.80</td><td>7.29</td><td>1.26</td><td>2.79</td><td>11.33</td></ohio>				West Fork Of Mill Creek Lake	11.80	7.29	1.26	2.79	11.33
# Barkley Lock and Dam Lake Barkley 60.36 39.59 7.13 18.86 # Center Hill Lake 59.61 39.10 7.04 18.63 # Cheatham Lock and Dam 35.47 23.26 4.19 11.08 # Cordell Hull Dam and Reservoir 48.69 31.94 5.75 15.22 # Dale Hollow Lake 57.47 37.70 6.78 17.96 # J Percy Priest Dam and Reservoir 95.44 62.48 12.48 36.65 # Laurel River Lake 3.71 2.27 0.35 0.99 Martins Fork Lake 2.32 1.59 0.39 0.91 I Old Hickory Lock and Dam 86.97 55.47 8.46 20.43 Berlin Lake 8.18 5.65 1.41 3.56 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.56 0.15 Crooked Creek Lake 4.93 0.26 0.05 0.12 East Branch Clarion River Lake 3.60 0.75			#		16.32	10.71	1.93	5.10	17.73
# Center Hill Lake 59.61 39.10 7.04 18.63 # Cheatham Lock and Dam 35.47 23.26 4.19 11.08 # Cordell Hull Dam and Reservoir 48.69 31.94 5.75 15.22 # Dale Hollow Lake 57.47 37.70 6.78 17.96 # Dale Hollow Lake 57.47 37.70 6.78 17.96 # Dale Hollow Lake 37.1 2.27 0.35 0.99 # Laurel River Lake 3.71 2.27 0.35 0.99 Martins Fork Lake 2.32 1.59 0.39 0.91 I Old Hickory Lock and Dam 180.49 110.04 17.03 47.55 # Wolf Creek Dam Lake Cumberland 86.97 5.65 1.41 3.56 Conemaugh River Lake 8.18 5.65 1.41 3.56 Conemaugh River Lake 4.93 3.23 0.58 1.54 Crooked Creek Lake 4.93 3.23 0.58 0.12 Dashields Locks and Dams <ohio river=""> 2.36 0.05 0.05 0.12 East Branch Clarion River Lake 3.60</ohio>			进		60.36	39.59	7.13	18.86	65.58
# Cheatham Lock and Dam 35.47 23.26 4.19 11.08 # Cordell Hull Dam and Reservoir 48.69 31.94 5.75 15.22 # Dale Hollow Lake 57.47 37.70 6.78 17.96 # J Percy Priest Dam and Reservoir 95.44 62.48 12.48 36.65 # Laurel River Lake 2.37 2.27 0.35 0.99 Martins Fork Lake 180.49 110.04 17.03 47.55 Old Hickory Lock and Dam 86.97 55.47 8.46 20.43 Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 Wolf Creek Dam Lake 1.42 1.02 0.16 0.48 Conemaugh River Lake 4.93 3.23 0.58 1.54 Crooked Creek Lake 4.93 0.26 0.05 0.15 East Branch Clarion River Lake 3.60 0.36 0.16 0.42			进		59.61	39.10	7.04	18.63	64.77
# Cordell Hull Dam and Reservoir 48.69 31.94 5.75 15.22 # Dale Hollow Lake 57.47 37.70 6.78 17.96 # Jercy Priest Dam and Reservoir 95.44 62.48 12.48 36.65 # Laurel River Lake 3.71 2.27 0.35 0.99 Martins Fork Lake 1.59 0.39 0.31 0.91 I Old Hickory Lock and Dam 180.49 110.04 17.03 47.55 Berlin Lake 86.97 55.47 8.46 20.43 Conemaugh River Lake 1.42 1.02 0.16 0.48 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.58 1.54 Dashields Locks and Dam <ohio river=""> 0.39 0.26 0.05 0.15 East Branch Clarion River Lake 3.60 2.36 0.043 0.13 Emsworth Locks and Dams <ohio river=""> 1.36 0.16 0.05 0.01</ohio></ohio>			#	Cheatham Lock and	35.47	23.26	4.19	11.08	38.53
# Dale Hollow Lake 57.47 37.70 6.78 17.96 # J Percy Priest Dam and Reservoir 95.44 62.48 12.48 36.65 # Laurel River Lake 3.71 2.27 0.35 0.99 Martins Fork Lake 180.49 110.04 17.03 47.55 Vold Hickory Lock and Dam Lake Cumberland 86.97 55.47 8.46 20.43 # Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 # Wolf Creek Dam Lake Cumberland 8.18 5.65 1.41 3.56 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.58 1.54 Dashields Locks and Dam <ohio river=""> 0.39 0.26 0.05 0.12 East Branch Clarion River Lake 3.60 2.36 0.43 1.13 Emsworth Locks and Dams <ohio river=""> 1.36 0.18 0.16 0.42</ohio></ohio>			#		48.69	31.94	5.75	15.22	52.90
# J Percy Priest Dam and Reservoir 95.44 62.48 12.48 36.55 # Laurel River Lake 3.71 2.27 0.35 0.99 Martins Fork Lake 2.32 1.59 0.39 0.91 I Old Hickory Lock and Dam 180.49 110.04 17.03 47.55 # Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 Berlin Lake 8.18 5.65 1.41 3.56 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.58 1.54 Dashields Locks and Dam <ohio river=""> 0.39 0.26 0.05 0.15 East Branch Clarion River Lake 3.60 2.36 0.43 1.13 Emsworth Locks and Dams <ohio river=""> 1.36 0.89 0.16 0.42</ohio></ohio>			#		57.47	37.70	6.78	17.96	62.44
# Laurel River Lake 3.71 2.27 0.35 0.99 Martins Fork Lake 2.32 1.59 0.39 0.91 I Old Hickory Lock and Dam 180.49 110.04 17.03 47.55 # Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 Berlin Lake 8.18 5.65 1.41 3.56 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.58 1.54 Dashields Locks and Dam <ohio river=""> 0.39 0.26 0.05 0.12 East Branch Clarion River Lake 3.60 2.36 0.43 1.13 Emsworth Locks and Dams <ohio river=""> 1.36 0.89 0.16 0.42</ohio></ohio>			#	J Percy Priest Dam	95.44	62.48	12.48	36.65	111.61
Martins Fork Lake 2.32 1.59 0.39 0.91 I Old Hickory Lock and Dam 180.49 110.04 17.03 47.55 # Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 Berlin Lake 1.42 5.65 1.41 3.56 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.58 1.54 Dashields Locks and Dam <ohio river=""> 0.39 0.26 0.05 0.12 East Branch Clarion River Lake 3.60 2.36 0.43 1.13 Emsworth Locks and Dams <ohio river=""> 1.36 0.16 0.16 0.42</ohio></ohio>			#		3.71	2.27	0.35	66:0	3.61
! Old Hickory Lock and Dam 180.49 110.04 17.03 47.55 # Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 Berlin Lake 8.18 5.65 1.41 3.56 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.58 1.54 Dashields Locks and Dam <ohio river=""> 0.39 0.26 0.05 0.12 East Branch Clarion River Lake 3.60 2.36 0.43 1.13 Emsworth Locks and Dams <ohio river=""> 1.36 0.89 0.16 0.42</ohio></ohio>				Martins Fork Lake	2.32	1.59	0.39	0.91	2.89
# Wolf Creek Dam Lake Cumberland 86.97 55.47 8.46 20.43 Berlin Lake 8.18 5.65 1.41 3.56 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.58 1.54 Dashields Locks and Dam <ohio river=""> 0.39 0.26 0.05 0.12 East Branch Clarion River Lake 3.60 2.36 0.043 1.13 Emsworth Locks and Dams <ohio river=""> 1.36 0.16 0.12</ohio></ohio>				Old Hickory Lock and Dam	180.49	110.04	17.03	47.55	174.62
Berlin Lake 8.18 5.65 1.41 3.56 Conemaugh River Lake 1.42 1.02 0.16 0.48 Crooked Creek Lake 4.93 3.23 0.58 1.54 Dashields Locks and Dam <ohio river=""> 0.39 0.26 0.05 0.12 East Branch Clarion River Lake 3.60 2.36 0.43 1.13 Emsworth Locks and Dams <ohio river=""> 1.36 0.89 0.16 0.42</ohio></ohio>			#		86.97	55.47	8.46	20.43	84.36
1.42 1.02 0.16 0.48 4.93 3.23 0.58 1.54 39 0.26 0.05 0.12 3.60 2.36 0.43 1.13 > 1.36 0.89 0.16 0.42		Pittsburgh		Berlin Lake	8.18	5.65	1.41	3.56	10.61
4.93 3.23 0.58 1.54 0.39 0.26 0.05 0.12 3.60 2.36 0.43 1.13 1.36 0.89 0.16 0.42				Conemaugh River Lake	1.42	1.02	0.16	0.48	1.66
0.39 0.26 0.05 0.12 3.60 2.36 0.43 1.13 1.36 0.89 0.16 0.42				Crooked Creek Lake	4.93	3.23	0.58	1.54	5.35
3.60 2.36 0.43 1.13 1.36 0.89 0.16 0.42				Dashields Locks and Dam <ohio river=""></ohio>	0.39	0.26	0.05	0.12	0.43
1.36 0.89 0.16 0.42					3.60	2.36	0.43	1.13	3.92
(Sheet 3 of 15)			<u> </u>	Emsworth Locks and Dams <ohio river=""></ohio>	1.36	0.89	0.16	0.42	1.48
								And the second s	(Sheet 3 of 15

			Tatal Canadian		Solos Et	Coloe Effects (CMM)	
Division	District	Project	(\$MM)	Direct	Indirect	Induced	Total
LRD (cont)		Gray's Landing Locks and Dam	90.0	0.05	0.01	0.02	60:0
		Hannibal Locks and Dam <ohio river=""></ohio>	0.44	0:30	0.05	0.13	0.47
		Hildebrand Lock and Dam <monongahela river=""></monongahela>	0.12	90.0	0.01	0.04	0.14
			5.59	3.67	99'0	1.75	6.08
		Lock and Dam 2 <allegheny river=""></allegheny>	0.79	0.52	60:0	0.25	0.85
		Lock and Dam 3 <allegheny river=""></allegheny>	0.27	0.18	0.03	0.08	0.29
		Lock and Dam 4 <allegheny river=""></allegheny>	0.31	0.21	0.04	0.10	0.34
		Lock and Dam 5 < Allegheny River>	0.17	0.11	0.02	0.05	0.19
		Lock and Dam 6 <allegheny river=""></allegheny>	0.11	90:0	0.01	0.04	0.12
		Lock and Dam 7 <allegheny river=""></allegheny>	0.16	0.10	0.02	0.05	0.17
		Lock and Dam 8 <allegheny river=""></allegheny>	0.13	60.0	0.02	0.04	0.15
		Lock and Dam 9 <allegheny river=""></allegheny>	0.14	60.0	0.02	0.04	0.15
		Locks and Dam 2 < Monongahela River>	0.21	0.13	0.02	90.0	0.22
		Locks and Dam 3 <monongahela river=""></monongahela>	90.0	0.05	0.01	0.02	0.08
		Locks and Dam 4 <monongahela river=""></monongahela>	0.08	0.05	0.01	0.02	0.08
		Loyalhanna Lake	3.40	2.23	0.40	1.06	3.69
		Mahoning Creek Lake	0.89	0.58	0.10	0.28	0.97
		Maxwell Locks and Dam <monongahela river=""></monongahela>	0.18	0.12	0.02	90.0	0.20
		Michael J Kirwan Dam and Reservoir	4.04	2.69	0.51	1.78	4.98
		Montgomery Locks and Dam <ohio river=""></ohio>	0.39	0.26	0.05	0.12	0.42
		Morgantown Lock and Dam <monongahela river=""></monongahela>	0.04	0.02	00:00	0.01	0.04
		Mosquito Creek Lake	18.35	12.04	2.17	5.74	19.94
		New Cumberland Locks and Dam <ohio river=""></ohio>	0.65	0.43	0.08	0.20	0.71
		Opekiska Lock and Dam < Monongahela River>	0.03	0.02	0.00	0.01	0.03
		Pike Island Locks and Dam <ohio river=""></ohio>	0.47	0.31	90.0	0.15	0.51
		Point Marion Lock and Dam < Monongahela River>	0.03	0.02	0.00	0.01	0.03
		# Shenango River Lake	10.96	7.19	1.29	3.42	11.91
		Stonewall Jackson Lake	6.33	4.15	0.75	1.98	6.87
		Tionesta Lake	6.35	4.16	0.75	1.98	9.90
		Tygart Lake	7.73	5.07	0.91	2.41	8.40
		Union City Dam	0.52	0.34	0.06	0.16	0.57
		Woodcock Creek Lake	5.97	3.92	0.71	1.87	6.49
		Youghiogheny River Lake	10.20	69'9	1.20	3.19	11.08
							(273-77-10)

MVD Rock Island Project (7MM) Tradition (American Project Pr	Table E2	Table E2 (Continued)						
Polatical Formities Lake Containing Lake C	2010	- Control of		Total Spending		Sales Ef	fects (\$MM)	
Fook Island Coranline Lake Coranline Lake Coranline Lake Coranline Lake Coranline Lake 1,139 1,100 1,000 1	DIVISION	DISTRICT	Project	(\$MM)	Direct	Indirect	Induced	Total
Hilmois Waterway 0.54 0.35 0.06 0.17 Hilmois Waterway 20.71 13.59 0.20 0.52 Lake Red Rook 20.71 13.59 2.45 6.47 68.03 Hilmois Waterway 20.71 13.59 2.45 6.47 6.55 Hilmois Waterway 20.71 13.59 2.45 6.47 6.55 Hilmois Waterway 20.71 2.72 2.74 2.74 6.55 6.47 10.25 Hilmois Waterway 20.72 2.78 2.78 10.25 2.78 10.25 Hilmois Waterway 2.78 2.78 2.78 2.78 10.25 2.25 Hilmois Waterway 2.78 2.78 2.78 2.78 2.78 2.78 2.78 Hilmois Waterway 2.78 2.78 2.78 2.78 2.78 2.78 Hilmois River 2.78 2.78 2.78 2.78 2.25 2.25 Hilmois River 2.78 2.78 2.78 2.78 2.25 2.25 Hilmois River 2.78 2.78 2.78 2.78 2.78 2.78 2.78 Hilmois River 2.78 2.78 2.78 2.78 2.78 2.78 2.78 Hilmois River 2.78 2.78 2.78 2.78 2.78 2.78 2.78 Hilmois River 2.78 2.78 2.78 2.78 2.78 2.78 2.78 Hilmois River 2.78	MVD	Rock Island	Coralville Lake	21.39	14.03	2.52	6.68	23.24
Illinois Waterway			Farmdale Dam	0.54	0.35	90.0	0.17	0.58
Mississippi River Pool No. 20.77 13.59 2.45 6.47			Illinois Waterway	1.66	1.09	0.20	0.52	1.80
## Saylovnille Lake			Lake Red Rock	20.71	13.59	2.45	6.47	22.50
## Sayloville Lake 20.36 12.74 2.74 6.56 # Carlyle Lake 44.45 27.84 3.73 10.42 # Carlyle Lake 20.35 24.98 4.05 8.78 # Lake Shelbyville 39.53 24.98 4.05 8.76 # Roard Lake 40.67 27.37 3.82 9.46 Rivers Project - Upper River 7.22 4.74 0.85 5.24 Rivers Project - Upper River 7.22 4.74 0.85 5.26 Rivers Project - Upper River 7.22 4.74 0.85 5.26 Rivers Project - Upper River 33.59 21.14 3.65 1.050 Baldhil Dam Lake Ashtabula 2.84 1.72 0.30 1.01 Eau Galle Flood Control Project 1.33 0.78 0.17 0.36 Horme Lake Lac Qui Parte Lake 1.22 0.78 0.17 0.36 Mississippl River Pool UL+ St Arthrory Falls 1.14 0.75 0.75 0.17 0.46 Mississippl River Pool No 2			Mississippi River Po	217.68	142.78	25.70	68.03	236.51
# Cartybe Lake # Clarence Cannon Dam and Mark Twain Lake 31.22 19.32 4.11 10.25 # Eclarence Cannon Dam and Mark Twain Lake 39.53 24.98 4.01 10.25 # Lake Shelbywille				20.36	12.74	2.74	6.56	22.04
# Clarence Cannon Dam and Mark Twain Lake		St. Louis		44.45	27.84	3.73	10.42	41.99
# Lake Shelbyville				31.22	19.32	4.11	10.25	33.68
# Rend Lake Rivers Project - Lillinois River Rivers Project - Lillinois River Rivers Project - Lillinois River Rivers Project - Lower River Rivers Project - Lopen River Balchilli Dam Lake Ashtabula Balchilli Dam Lake Ashtabula Rai Galle Flood Control Project Lac Oui Parie Lake Riversia poi River Pool Not 1 1.23 0.78 0.23 0.60 Lac Oui Parie Lake Mississippi River Pool No 1 1.44 0.75 0.26 0.26 Mississippi River Pool No 2 1.50 Mississippi River Pool No 3 1.50 Mississippi River Pool No 5 1.50 Mississippi River Pool No 6 1.50 Mississippi River Pool No				39.53	24.98	4.05	8.76	37.79
Rivers Project - Illinois River 9.41 6.17 1.11 2.94 Rivers Project - Lower River 7.22 4.74 0.85 2.26 Rivers Project - Lower River 33.59 21.14 0.85 1.26 Rivers Project - Upper River 33.59 21.14 0.86 10.60 Baldhill Dam Lake Ashtabula 2.84 1.77 0.23 0.60 Eau Galle Flood Control Project 1.23 0.78 0.17 0.30 Lac Call Parle Lake 1.23 0.78 0.17 0.36 Lac Taverse 1.23 0.78 0.17 0.36 Mississippi River Hool Ut-L St Anthory Falls 1.14 0.75 0.13 0.36 Mississippi River Pool No 1 1.34 0.35 0.17 0.46 Mississippi River Pool No 2 8.30 5.86 1.29 3.14 Mississippi River Pool No 4 8.30 5.86 1.29 3.43 Mississippi River Pool No 5 7.74 5.39 1.33 2.45 Mississippi River Pool No 6				40.67	27.37	3.82	9.46	40.66
Rivers Project - Lower River 7.22 4.74 0.85 2.26 # Wappapello Lake Rivers Project - Upper River 53.24 34.92 6.29 16.64 # Wappapello Lake Balduhili Dam Lake Ashtabula 2.84 1.77 0.30 1.01 Eau Galle Flood Control Project 1.93 1.27 0.23 0.66 Homme Lake Lac Qui Parle Lake 0.64 0.42 0.03 0.60 Lake Traverse Lac Qui Parle Lake 0.04 0.42 0.08 0.20 Mississippl River Pool No 1 1.42 0.75 0.17 0.36 Mississippl River Pool No 2 1.47 0.37 0.17 0.36 Mississippl River Pool No 2 2.6.56 17.67 3.90 12.95 Mississippl River Pool No 5 7.74 5.39 1.129 3.43 Mississippl River Pool No 5 7.74 5.39 1.19 3.14 Mississippl River Pool No 6 10.05 6.59 1.19 3.43 Mississippl River Pool No 7 8.18 5.77<			Rivers Project - Illinois River	9.41	6.17	1.11	2.94	10.23
Rivers Project - Upper River 53.24 34.92 6.29 16.64 # Wappapello Lake Baldhill Dam Lake Ashtabula 2.84 1.14 3.65 10.60 Baldhill Dam Lake Ashtabula 2.84 1.72 0.30 1.01 Fau Galle Flood Control Project 1.23 0.78 0.17 0.50 Homme Lake 1.23 0.78 0.07 0.05 Lac Qui Parle Lake 0.64 0.42 0.08 0.20 Lake Traverse 2.16 1.42 0.26 0.68 Mississippl River Pool No L St Anthony Falls 1.14 0.75 0.13 0.36 Mississippl River Pool No 2 3.34 3.04 3.04 3.04 Mississippl River Pool No 3 2.6.56 1.76 3.04 3.04 Mississippl River Pool No 5 7.74 5.39 1.129 3.14 Mississippl River Pool No 6 10.05 6.59 1.19 3.14 Mississippl River Pool No 7 8.18 5.77 1.27 3.00 Mississippl River Pool	•		Rivers Project - Lower River	7.22	4.74	0.85	2.26	7.84
# Wappapello Lake Baldhill Dam Lake Ashtabula Baldhill Dam Lake Ashtabula Eau Galle Flood Control Project Eau Galle Flood Control Project Eau Galle Flood Control Project Eau Galle Flood Control Project Lake Lac Qui Parle Lake Lac Qui Parle Lake Lac Qui Parle Lake Lake Traverse Mississippi River Pool No 1 Mississippi River Pool No 2 Mississippi River Pool No 5 Mississippi River Pool No 5 Mississippi River Pool No 5 Mississippi River Pool No 6 Mississippi River Pool No 7 Mississippi River Pool No 6 Mississippi River Pool No 7 Mississippi River Pool No 8 Mississippi River Pool No 9 Mississippi River Pool			Rivers Project - Upper River	53.24	34.92	6.29	16.64	57.85
Baldhill Dam Lake Ashtabula 2.84 1.72 0.30 1.01 Eau Galle Flood Control Project 1.23 0.78 0.17 0.60 Homme Lake 1.23 0.78 0.17 0.50 Lake Traverse 0.64 0.42 0.08 0.20 Mississippi River Headwaters Lakes Project 3.42 20.58 3.86 12.06 Mississippi River Pool No 1 1.47 0.75 0.13 0.36 Mississippi River Pool No 2 8.30 5.86 1.29 3.04 Mississippi River Pool No 3 15.06 9.20 1.72 5.13 Mississippi River Pool No 4 26.56 17.67 3.90 12.95 Mississippi River Pool No 5 7.74 5.39 1.33 3.43 Mississippi River Pool No 6 10.05 2.46 6.59 1.19 3.14 Mississippi River Pool No 6 10.05 2.46 6.59 1.19 3.45 Mississippi River Pool No 7 8.18 5.77 1.27 3.00 Mississ	************	in the second		33.59	21.14	3.65	10.60	35.39
1,93 1,27 0,23 0,60 1,23 0,78 0,17 0,36 0,64 0,42 0,08 0,20 2,16 1,42 0,26 0,68 33,42 20,58 3,86 12,06 1,14 0,75 0,13 0,36 1,47 0,97 0,17 0,46 8,30 5,86 1,29 3,04 15,06 9,20 1,72 5,13 26,56 17,67 3,90 12,95 7,74 5,39 1,33 3,43 7,85 5,15 0,93 2,45 10,05 6,59 1,19 3,14 8,18 5,77 1,27 3,00 20,87 13,69 2,46 6,52 13,70 8,98 1,62 4,28 16,73 1,09 5,23 16,73 1,98 5,23		St. Paul	Baldhill Dam Lake Ashtabula	2.84	1.72	0.30	1.01	3.03
1.23 0.78 0.17 0.36 0.64 0.42 0.08 0.20 2.16 1.42 0.26 0.68 33.42 20.58 3.86 12.06 1.14 0.75 0.13 0.36 1.47 0.97 0.17 0.46 8.30 5.86 1.29 3.04 15.06 9.20 1.72 5.13 26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 16.73 1.62 4.28 16.73 1.62 4.28 16.73 0.04 0.01			Eau Galle Flood Control Project	1.93	1.27	0.23	09:0	2.10
0.64 0.42 0.08 0.20 2.16 1.42 0.26 0.68 33.42 20.58 3.86 12.06 1.14 0.75 0.13 0.36 1.47 0.97 0.17 0.46 8.30 5.86 1.29 3.04 15.06 9.20 1.72 5.13 26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 16.73 10.98 1.62 4.28 16.73 1.98 5.23 0.36 0.04 0.01			Homme Lake	1.23	0.78	0.17	0.36	1.31
2.16 1,42 0.26 0.68 33.42 20.58 3.86 12.06 1.14 0.75 0.13 0.36 1.47 0.97 0.17 0.46 8.30 5.86 1.29 3.04 15.06 9.20 1.72 5.13 26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.04 0.01			Lac Qui Parle Lake	0.64	0.42	0.08	0.20	0.70
33.42 20.58 3.86 12.06 1.14 0.75 0.13 0.36 1.47 0.97 0.17 0.46 8.30 5.86 1.29 3.04 15.06 9.20 1.72 5.13 26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 16.73 10.98 1.62 4.28 16.73 0.04 0.04 0.11			Lake Traverse	2.16	1.42	0.26	0.68	2.35
1.14 0.75 0.13 0.36 1.47 0.97 0.17 0.46 8.30 5.86 1.29 3.04 15.06 9.20 1.72 5.13 26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 16.73 10.98 1.62 4.28 16.73 0.36 0.04 0.01			Mississippi River Headwaters Lakes Project	33.42	20.58	3.86	12.06	36.50
1.47 0.97 0.17 0.46 8.30 5.86 1.29 3.04 15.06 9.20 1.72 5.13 26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool U+L St Anthony Falls	1.14	0.75	0.13	0.36	1.24
8.30 5.86 1.29 3.04 15.06 9.20 1.72 5.13 26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 1	1.47	76.0	0.17	0.46	1.60
15.06 9.20 1.72 5.13 26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 2	8.30	5.86	1.29	3.04	10.20
26.56 17.67 3.90 12.95 7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 3	15.06	9.20	1.72	5.13	16.04
7.74 5.39 1.33 3.43 7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 4	26.56	17.67	3.90	12.95	34.52
7.85 5.15 0.93 2.45 10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 5	7.74	5.39	1.33	3.43	10.15
10.05 6.59 1.19 3.14 8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 5a	7.85	5.15	0.93	2.45	8.53
8.18 5.77 1.27 3.00 20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 6	10.05	6:29	1.19	3.14	10.92
20.87 13.69 2.46 6.52 13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 7	8.18	5.77	1.27	3.00	10.04
13.70 8.98 1.62 4.28 16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11			Mississippi River Pool No 8	20.87	13.69	2.46	6.52	22.68
16.73 10.98 1.98 5.23 0.36 0.24 0.04 0.11		-	Mississippi River Pool No 9	13.70	8.98	1.62	4.28	14.88
0.36 0.24 0.04 0.11			Mississippi River Pool No 10	16.73	10.98	1.98	5.23	18.18
(Sheet 5 of 15)			Orwell Lake	0.36	0.24	0.04	0.11	0.40
								(Sheet 5 of 15)

MAIN District Project Total Spending District Included Included	Table E2	Table E2 (Continued)						
Vicksburg # Arkabutla Lake 1482 9.54 0.67 3.89 Rayou Bocdau Reservoir 2.71 1.78 0.32 0.05 0.05 Gaddo Lake Caddo Lake 0.39 0.26 0.05 0.05 # Degray Lake 1.273 8.35 1.50 3.89 0.26 # Globary Lake 2.27 1.87 2.16 5.27 # Globary Lake 2.25 1.273 8.35 1.50 3.89 # Globary Lake 2.27 1.87 2.16 5.89 0.27 0.86 2.27 # Globary Lake 2.27 1.87 2.47 0.86 2.27 1.88 1.15 5.89 1.27 3.88 1.81 1.81 1.24 0.26 0.27 0.86 2.27 1.88 1.24 0.27 0.86 2.27 1.88 1.32 0.31 1.84 1.77 0.24 0.05 0.07 0.05 0.07 0.05 0.07 0.05 0.05 0.07 0.05	Division	District	Project	Total Spending (SMM)	Direct	Sales Eff Indirect	ects (\$MM) Induced	Total
Bayou Bodcau Reservoir 1.79 0.32 0.85		Vicksburg	# Arkabutla Lake	14.82	9.54	0.87	3.89	14.29
# Gedolo Jake 0.39 0.26 0.05 0.12 # End Lake 1.25 24.35 3.89 1.054 1.054 # Grenada Lake 2.95 18.16 2.16 5.82 # Grenada Lake 2.95 18.16 2.16 5.82 # Clack Charles Black Rivers (4 L&D, Caliumbia Pool) 1.80 1.18 0.21 0.25 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 4.91 1.235 0.19 0.25 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 4.91 1.235 0.058 1.154 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.56 3.64 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.56 3.64 1.73 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.56 3.64 1.73 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.56 3.64 1.73 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.56 3.64 1.73 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.66 3.64 1.73 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.66 3.64 1.73 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.66 3.64 1.73 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.66 3.64 1.73 0.058 1.174 Ouachitie-Black Rivers (4 L&D, Caliumbia Pool) 5.66 3.64 1.74 0.05 0.00 0.01 Ayleavorth Creek Lake 0.05 0.04 0.02 0.00 0.01 Ayleavorth Creek Lake 0.07 0.04 0.02 0.00 0.01 Coventrack Lake 0.07 0.04 0.05 0.05 0.00 0.01 Ayleavorth Creek Lake 0.07 0.04 0.05 0.00 0.01 Ouachitie-Black Rock Lake 0.09 0.09 0.01 0.00 0.00 0.00 0.00 0.00)	1	2.71	1.78	0.32	0.85	2.94
# Degray Lake			Caddo Lake	0.39	0.26	0.05	0.12	0.43
# Enid Lake # Contractivation 12.73 8.35 150 3.88			l	38.92	24.35	3.89	10.64	38.88
Hamiltonia Ham			Enid Lake .	12.73	8.35	1.50	3.98	13.84
Lake Greeson				29.50	18.16	2.16	5.82	26.14
# Lake Ouachita 1295 2.19 8.13			Lake Greeson	7.26	4.76	0.86	2.27	7.89
Ouachita-Black Rivers (4 L&D, Calion Pool) 1.80 1.18 0.21 0.56 Couachita-Black Rivers (4 L&D, Calion Behol) 3.75 3.22 0.58 1.54 Couachita-Black Rivers (4 L&D, Calenthia Pool) 3.76 2.47 0.44 1.17 Couachita-Black Rivers (4 L&D, Jonesville Pool) 5.56 3.64 0.66 1.74 1.17 Couachita-Black Rivers (4 L&D, Jonesville Pool) 5.56 3.64 0.66 1.74 1.17 Red River Vaterway (5 Locks & Dams) 2.64 1.73 0.31 0.35 0.96 Red River Vaterway (5 Locks & Dams) 2.64 1.73 0.31 0.32 0.07 Wallace Lake				20.51	12.95	2.19	8.13	23.27
Courachita-Black Rivers (4 L&D, Columbia Pool) 3.76 3.27 0.58 1.54 Coulachita-Black Rivers (4 L&D, Jonesville Pool) 5.56 3.64 0.66 1.74 Coulachita-Black Rivers (4 L&D, Jonesville Pool) 5.66 2.01 0.36 0.36 1.74 Pearl River (3 Locks and Dans) 2.64 1.73 0.31 0.82 Red River Waterway (5 Locks & Dams) 2.64 1.73 0.31 0.82 Wallace Lake 0.22 0.14 0.03 0.07 Alvin R Bush - Keitle Creek 2.23 1.47 0.26 0.70 Cowansayue Lake 0.04 0.02 0.00 0.01 Cowansayue Lake 0.04 0.02 0.05 0.00 Cowansayue Lake 0.04 0.02 0.00 0.01 Cowansayue Lake 0.04 0.02 0.00 0.01 Cowansayue Lake 0.04 0.07 0.02 0.00 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Foster Joseph Sayers Dam 7.17 4.70 0.05 0.05 Whitney Point Lake 0.04 0.05 0.05 0.05 Barck Rock Lake 0.05 0.05 0.05 0.05 Barck Rock Lake 0.05 0.05 0.05 0.05 0.05 Barck Rock Lake 0.05 0.05 0.05 0.05 0.05 Barck Rock Lake 0.05 0.05 0.05 0.05 0.05 0.05 Barck Walle Dam 0.05 0.05 0.05 0.05 0.05 0.05 Barck Walle Dam 0.05			Ouachita-Black Rivers (4 L&D, Calion Pool)	1.80	1.18	0.21	0.56	1.96
Ouachtia-Black Rivers (4 L&D, Felsenthal Pool) 3.76 247 0.44 1.17			Ouachita-Black Rivers (4 L&D, Columbia Pool)	4.91	3.22	0.58	1.54	5.34
Cuachtlat-Black Rivers (4 L&D. Jonesville Pool) 5.56 3.64 0.66 1.74 Pearl River (3 Locks and Damis) 3.06 2.01 0.36 0.36 0.96 Read River Waterway (5 Locks & Dams) 2.64 1.73 0.31 0.85 0.31 Red River Waterway (5 Locks & Dams) 2.64 1.73 1.82 0.31 0.82 Wallace Lake			Ouachita-Black Rivers (4 L&D, Felsenthal Pool)	3.76	2.47	0.44	1.17	4.08
Pearl River (3 Locks and Dams) 3.06 2.01 0.36 0.96 Red River Waterway (5 Locks & Dams) 2.64 1.73 0.31 0.62 Wallace Lake 0.22 0.14 0.03 0.07 Alvin R Bush - Kettle Creek 2.23 1.47 0.26 0.70 Alvin R Bush - Kettle Creek 0.04 0.02 0.01 Alvin R Bush - Kettle Creek 0.04 0.02 0.00 0.01 Cowenseque Lake 0.04 0.02 0.00 0.01 Cowensylle Lake 0.73 0.46 0.01 0.05 Cowensylle Lake 0.73 0.46 0.01 0.07 Cowensylle Lake 0.73 0.46 0.01 0.07 Cowensylle Lake 0.73 0.46 0.01 0.07 East Sidney Lake 0.73 0.46 0.01 0.07 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 Whitney Point Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 6.51 4.27 0.77 0.20 Black Rock Lake 0.94 0.05 0.11 0.29 Black Rock Lake 0.95 0.65 0.65 0.50 Blackwater Dam 6.51 4.27 0.05 0.10 Blackwater Dam 0.98 0.05 0.05 0.05 0.05 Blackwater Dam 0.98 0.05 0.05 0.05 0.05 0.05 Blackwater Dam 0.98 0.05 0.05 0.05 0.05 0.05 Blackwater Dam 0.98 0.05			Ouachita-Black Rivers (4 L&D, Jonesville Pool)	5.56	3.64	99.0	1.74	6.04
Red River Waterway (5 Locks & Dams) 2.64 1.73 0.31 0.82 Hallmore Wallace Lake 0.22 0.14 0.03 0.07 Alwin R Bush - Kettle Creek 4.55 2.98 0.54 1.42 Aylein R Bush - Kettle Creek 0.04 0.02 0.00 0.01 Aylein R Bush - Kettle Creek 0.04 0.02 0.00 0.01 Aylein R Bush - Kettle Creek 0.04 0.02 0.00 0.01 Aylein R Bush - Kettle Creek 0.04 0.02 0.00 0.01 Cowanesque Lake 0.04 0.02 0.00 0.01 Cunwensville Lake 0.73 0.46 0.11 0.07 East Sidney Lake 0.73 0.46 0.07 0.22 Bannish Rade 17.50 11.48 2.07 0.39 Abannings Randolph Lake 1.26 0.83 0.15 0.35 Abannings Randolph Lake 1.26 0.83 0.15 0.38 Abannings Randolph Lake 1.64 0.62			Pearl River (3 Locks and Dams)	3.06	2.01	0.36	96.0	3.32
# Sardis Lake Wallace Lake Almond Lake Almond Lake Ahin R Bust Lake Ahin R Bust Rock Lake Cowanesque Lake 1.28 0.73 0.45 0.07 0.07 0.07 0.05 0.03 1.10ga-Hammond Lakes New England Ball Mountain Lake Do 34 0.54 0.59 0.51 Black Rock Lake Disckwater Dam Buffunwille Lake Disckwater Dam Buffunwille Lake Do 35 0.15 0.16 0.38 0.11 0.39 0.15 0.20 0.10 0.20 0.10 0.39 0.41 0.29 0.10 0.30 0.11 0.39 0.41 0.29 0.41 0.30 0.41			Red River Waterway (5 Locks & Dams)	2.64	1.73	0.31	0.82	2.86
New England Wallace Lake 0.22 0.14 0.03 0.07 Alvin R Bush - Kettle Creek 2.23 1.47 0.26 0.70 Aylesworth Creek Lake 0.04 0.02 0.00 0.01 Cowanesque Lake 0.73 0.46 0.22 0.59 Curvensylle Lake 0.73 0.46 0.07 0.07 East Sidney Lake 0.73 0.46 0.07 0.22 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Whitney Point 1.89 1.24 0.22 0.59 Whitney Point 1.89 1.24 0.22 0.59 Barre Falls Dam 6.51 4.27 0.77 2.04 Black Rock Lake 0.94 0.63 0.11 0.30 Blackwater Dam 0.58 0.25 0.01 0.05 Buff			Sardis Lake	24.37	15.31	1.82	5.73	22.86
Baltimore Almond Lake 4.55 2.98 0.54 1.42 Alvin R Bush - Kettle Creek 2.23 1.47 0.26 0.70 Aylesworth Creek Lake 0.04 0.02 0.00 0.01 Cowenseque Lake 1.88 1.24 0.22 0.59 Cuwensylle Lake 0.73 0.46 0.11 0.07 Cuwensylle Lake 0.73 0.34 0.07 0.22 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Whitney Point 1.89 1.24 0.22 0.59 Whitney Point 1.89 1.24 0.22 0.59 Barre Falls Dam 8 Barre Falls Dam 6.51 0.77 0.77 2.04 Blackwater Dam 0.95 0.65 0.05 0.15 </td <td></td> <td></td> <td>Wallace Lake</td> <td>0.22</td> <td>0.14</td> <td>0.03</td> <td>0.07</td> <td>0.24</td>			Wallace Lake	0.22	0.14	0.03	0.07	0.24
Alvin R Bush - Kettle Creek 2.23 1.47 0.26 0.70 Aylesworth Creek Lake 0.04 0.02 0.00 0.01 Cowanesque Lake 1.88 1.24 0.22 0.59 Curwensville Lake 0.73 0.46 0.11 0.07 East Sidney Lake 0.43 0.34 0.07 0.22 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Iniga-Hammond Lakes 1.750 11.48 2.07 5.47 Whitney Point 1.89 1.24 0.22 0.59 Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 1.64 1.07 0.19 0.51 Black Rock Lake 0.94 0.62 0.11 0.20 Black Rock Lake 0.65 0.65 0.05 0.12 Blackwater Dam	NAD	Baltimore	Almond Lake	4.55	2.98	0.54	1.42	4.94
Aylesworth Creek Lake 0.04 0.02 0.00 0.01 Cowanesque Lake 1.88 1.24 0.22 0.59 Curwensville Lake 0.73 0.46 0.11 0.07 East Sidney Lake 0.43 0.34 0.07 0.22 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Tioga-Hammond Lakes 3.23 2.12 0.38 1.01 Whitiney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Ball Mountain Lake 0.94 0.62 0.11 0.29 Ball Mountain Lake 0.94 0.62 0.11 0.30 Black Hock Lake 0.95 0.63 0.11 0.30 Buffunnville Lake 1.53 1.01 0.18 0.48			Alvin R Bush - Kettle Creek	2.23	1.47	0.26	0.70	2.43
Cowanesque Lake 1.88 1.24 0.22 0.59 Curwansville Lake 0.73 0.46 0.11 0.07 East Sidney Lake 0.43 0.34 0.07 0.22 Jennings Randolph Lake 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Tioga-Hammond Lakes 3.23 2.12 0.38 1.01 Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Ball Mountain Lake 0.94 0.62 0.11 0.29 Ball Mountain Lake 0.94 0.62 0.11 0.29 Ball Mountain Lake 0.94 0.62 0.11 0.30 Black Hock Lake 0.95 0.63 0.11 0.30 Black Rock Lake 0.95 0.65 0.05 0.05 0.12 Buffumvi			Aylesworth Creek Lake	0.04	0.02	0.00	0.01	0.04
Curwensville Lake 0.73 0.46 0.11 0.07 East Sidney Lake 0.43 0.34 0.07 0.22 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Tioga-Hammond Lakes 3.23 2.12 0.38 1.01 Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Ball Mountain Lake 0.94 0.62 0.11 0.29 Ball Mountain Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 6.51 4.27 0.17 2.04 Black Rock Lake 0.95 0.63 0.11 0.30 Blackwater Dam 0.05 0.05 0.05 0.05 0.05 Buffumville Lake 1.53 1.01 0.18 0.48			Cowanesque Lake	1.88	1.24	0.22	0.59	2.05
East Sidney Lake 0.43 0.34 0.07 0.22 Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Tioga-Hammond Lakes 3.23 2.12 0.38 1.01 Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 1.64 1.07 0.19 0.51 Birch Hill Dam 6.51 4.27 0.77 2.04 Black Rock Lake 0.95 0.63 0.11 0.30 Blackwater Dam 0.38 0.25 0.05 0.12 Buffumville Lake 1.53 1.01 0.18 0.48	,		Curwensville Lake	0.73	0.46	0.11	0.07	0.63
Foster Joseph Sayers Dam 7.17 4.70 0.85 2.24 Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Tioga-Hammond Lakes 3.23 2.12 0.38 1.01 Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 6.51 4.27 0.77 2.04 Birch Hill Dam 6.51 4.27 0.77 2.04 Black Rock Lake 0.95 0.63 0.11 0.30 Blackwater Dam 0.38 0.25 0.05 0.12 Buffunville Lake 1.53 1.01 0.18 0.48			East Sidney Lake	0.43	0.34	20.0	0.22	0.63
Jennings Randolph Lake 1.26 0.83 0.15 0.39 # Raystown Lake 17.50 11.48 2.07 5.47 Tioga-Hammond Lakes 3.23 2.12 0.38 1.01 Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 6.51 4.27 0.77 2.04 Birch Hill Dam 6.51 4.27 0.77 2.04 Black Rock Lake 0.95 0.63 0.11 0.30 Blackwater Dam 0.38 0.25 0.05 0.12 Buffunville Lake 1.53 1.01 0.18 0.48			Foster Joseph Sayers Dam	7.17	4.70	0.85	2.24	7.79
# Raystown Lake 17.50 11.48 2.07 5.47 Tioga-Hammond Lakes 3.23 2.12 0.38 1.01 Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 6.51 4.27 0.19 0.51 Black Rock Lake 0.95 0.63 0.11 0.30 Blackwater Dam 0.38 0.25 0.05 0.12 Buffunville Lake 1.53 1.01 0.18 0.48			Jennings Randolph Lake	1.26	0.83	0.15	0.39	1.37
Tigga-Hammond Lakes 3.23 2.12 0.38 1.01 Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 1.64 1.07 0.19 0.51 Birch Hill Dam 6.51 4.27 0.77 2.04 Black Rock Lake 0.95 0.63 0.11 0.30 Blackwater Dam 0.38 0.25 0.05 0.12 Buffunville Lake 1.53 1.01 0.18 0.48				17.50	11.48	2.07	5.47	19.02
Whitney Point 1.89 1.24 0.22 0.59 Ball Mountain Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 1.64 1.07 0.19 0.51 Birch Hill Dam 6.51 4.27 0.77 2.04 Black Rock Lake 0.95 0.63 0.11 0.30 Blackwater Dam 0.38 0.25 0.05 0.12 Buffunville Lake 1.53 1.01 0.18 0.48			Tioga-Hammond Lakes	3.23	2.12	0.38	1.01	3.51
Ball Mountain Lake 0.94 0.62 0.11 0.29 Barre Falls Dam 1.64 1.07 0.19 0.51 Birch Hill Dam 6.51 4.27 0.77 2.04 Black Rock Lake 0.95 0.63 0.11 0.30 Blackwater Dam 0.38 0.25 0.05 0.12 Buffunville Lake 1.53 1.01 0.18 0.48			Whitney Point	1.89	1.24	0.22	0.59	2.05
1.64 1.07 0.19 0.51 6.51 4.27 0.77 2.04 0.95 0.63 0.11 0.30 0.38 0.25 0.05 0.12 1.53 1.01 0.18 0.48		New England	Ball Mountain Lake	0.94	0.62	0.11	0.29	1.02
6.51 4.27 0.77 2.04 0.95 0.63 0.11 0.30 0.38 0.25 0.05 0.12 1.53 1.01 0.18 0.48			Barre Falls Dam	1.64	1.07	0.19	0.51	1.78
0.95 0.63 0.11 0.30 0.38 0.25 0.05 0.12 1.53 1.01 0.18 0.48			Birch Hill Dam	6.51	4.27	0.77	2.04	7.08
0.38 0.25 0.05 0.12 1.53 1.01 0.18 0.48			Black Rock Lake	0.95	0.63	0.11	0:30	1.04
1.53 1.01 0.18 0.48			Blackwater Dam	0.38	0.25	0.05	0.12	0.42
(Sheet 6 of 15)	-		Buffumville Lake	1.53	1.01	0.18	0.48	1.67
								(Sheet 6 of 15)

NAD (corr) (corr) Cape Control (700 et al. cape (180 m)) (71.8) profest (71.8) profest	Table E2	Table E2 (Continued)							
Konth Trylect (4MM) Discrete Induced I	:				Total Spending		Sales Eff	ects (\$MM)	
New England Cape Cod Canal 61.39 33.71 60.7 16.06 Contill Charles (Strick Natural Valley Storage Project 1.86 1.22 0.22 0.52 Cobbrook River Lake 1.86 1.22 0.22 0.53 0.04 0.11 Cobbrook River Lake 0.77 0.30 0.02 0.04 0.11 East Brimfold Lake 0.77 0.50 0.03 0.05 0.04 Edward Macrowall Lake 0.77 0.50 0.09 0.02 0.04 Hop Brook Lake 0.13 0.09 0.02 0.04 0.15 Hop Shiron-Everett Lake 5.58 3.86 0.66 1.74 Hop Brook Lake 0.43 0.25 0.04 0.15 North Shirighed Lake 0.43 0.25 0.06 1.74 North Shirighed Lake 0.43 0.25 0.06 0.15 North Shirighed Lake 0.63 0.75 0.06 0.16 North Hatland Lake 0.63 0.75 0.06 </th <th>Division</th> <th>District</th> <th>Proje</th> <th></th> <th>(\$MM)</th> <th>Direct</th> <th>Indirect</th> <th>Induced</th> <th>Total</th>	Division	District	Proje		(\$MM)	Direct	Indirect	Induced	Total
Chatres River Natural Valley Storage Project 0.72 0.47 0.08 0.22 Conation River Lake 1.36 1.22 0.22 0.58 Conation River Lake 1.33 0.24 0.51 East Brimfield Lake 0.17 0.50 0.09 0.24 Family Falls Dam 0.13 0.06 0.13 0.06 0.14 Hancock Brook Lake 0.13 0.09 0.02 0.04 0.04 Hop Brook Lake 0.13 0.06 0.13 0.06 0.14 0.05 Hop Brook Lake 0.05 0.75 0.75 0.04 0.17 0.25 0.04 0.15 0.05 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.05 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 0.04 0.15 <td< td=""><td>_</td><td>New England</td><td></td><td>Cape Cod Canal</td><td>51.39</td><td>33.71</td><td>6.07</td><td>16.06</td><td>55.83</td></td<>	_	New England		Cape Cod Canal	51.39	33.71	6.07	16.06	55.83
Collebrook River Lake 1.66 1.22 0.22 0.58 Contant Brook Dam 0.35 0.23 0.04 0.11 East Brimfind Lake 0.77 0.50 0.09 0.24 Edward Macdowall Lake 0.77 0.50 0.09 0.24 Hodges Village Dam 0.150 0.05 0.06 0.05 Hodges Village Dam 1.12 0.73 0.05 0.05 Hokkinton-Event Lake 5.58 3.66 0.66 1.74 Knight-Nille Dam 0.05 0.42 0.06 0.17 North Halfand Lake 0.65 0.42 0.06 0.15 North Markind Lake 0.65 0.28 0.06 0.16 Sury Mountain Lake 0.63 0.26 0.06 0.16 Sury Mountain L		(cont)		Charles River Natural Valley Storage Project	0.72	0.47	0.08	0.22	0.78
Contain Brook Dam 0.35 0.23 0.04 0.11 East Brimfield Lake 1.83 1.20 0.02 0.57 East Brimfield Lake 0.77 0.50 0.09 0.24 0.57 Edward Macdowall Lake 0.73 0.09 0.09 0.04 0.15 Harcock Brook Lake 0.13 0.09 0.02 0.04 0.14 Hop Brook Lake 2.06 1.34 0.24 0.64 0.17 Knightion-Everett Lake 5.58 3.66 0.66 1.74 0.65 Knightion-Everett Lake 0.68 0.42 0.24 0.65 1.74 0.65 Knightion-Everett Lake 0.68 0.42 0.24 0.66 1.74 0.12 0.64 0.12 0.65 0.12 0.65 0.65 0.12 0.64 0.12 0.65 0.15 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65				Colebrook River Lake	1.86	1.22	0.22	0.58	2.02
East Brimfield Lake 1.83 1.20 0.22 0.57 Edward Macdowall Lake 0.77 0.50 0.09 0.024 Ferwikin Falls Dam 0.63 0.73 0.06 0.14 Hondsov Lake 2.05 3.66 0.66 1.74 Hop Brook Lake 5.58 3.66 0.66 1.74 Hop Brook Lake 5.58 3.66 0.66 1.74 Krightwile Lake 0.65 0.42 0.04 0.12 Intervalind Lake 0.43 0.25 0.04 0.15 North Harland Lake 0.43 0.25 0.04 0.15 North Harland Lake 0.43 0.25 0.06 0.16 North Harland Lake 0.43 0.25 0.06 0.16 North Harland Lake 0.63 0.42 0.06 0.16 North Harland Lake 0.63 0.42 0.06 0.16 Otter Brook Lake 0.63 0.42 0.06 0.16 Townskord Lake 0.043				Conant Brook Dam	0.35	0.23	0.04	0.11	0.37
Echward Macdowell Lake 0,77 0,50 0.09 0.24 Frankfine Falls Dam 0,50 0,33 0.06 0.15 Hordes Village Dam 1,12 0,73 0.09 0.04 Hodges Village Dam 1,12 0,73 0.13 0.05 Hops Fronk Lake 2,05 1,34 0.24 0.64 Knightville Dam 0,38 0,25 0.04 0,17 Knightville Dam 0,88 0,42 0.06 1,74 Mansfield Hollow Lake 0,65 0,42 0.06 0,15 North Hardand Lake 0,43 0,25 0.06 0,15 North Springled Lake 0,43 0,28 0,06 0,16 North Hardand Lake 0,53 0,28 0,06 0,16 Northfield Brook Lake 0,53 0,28 0,06 0,16 Otter Brook Lake 0,63 0,24 0,06 0,16 Townshend Lake 0,63 0,24 0,06 0,16 Townshend Lake				East Brimfield Lake	1.83	1.20	0.22	0.57	1.98
Franklin Falls Dam 0.50 0.33 0.06 0.15 Hancock Brook Lake 0.13 0.09 0.02 0.04 Hodges Village Dam 1.12 0.73 0.13 0.05 Hodg Brook Lake 2.05 1.34 0.24 0.64 Knightivile Dam 0.38 0.25 0.04 0.12 Litteville Lake 0.65 0.04 0.12 0.02 Mansfald Hollow Lake 0.49 0.32 0.06 0.15 North Harland Lake 0.49 0.35 0.06 0.16 North Harland Lake 0.63 0.41 0.07 0.05 North Harland Lake 0.63 0.41 0.07 0.06 Otter Brook Lake 0.63 0.41 0.07 0.06 Sury Mountain Lake 0.63 0.41 0.07 0.06 Tuly Lake 0.04 0.15 0.04 0.16 Tuly Lake 0.04 0.14 0.09 0.04 0.06 Woest Hill Dam				Edward Macdowell Lake	0.77	0.50	60.0	0.24	0.84
Hancock Brook Lake 0.13 0.09 0.02 0.04 Hodges Village Dam 1.12 0.73 0.13 0.03 Hodges Village Dam 2.05 1.34 0.64 0.64 Hop Brook Lake 5.68 3.66 0.66 1.74 0.64 Knightville Dam Littleville Lake 0.65 0.025 0.04 0.12 Mansfield Hake 0.65 0.42 0.06 0.12 North Fattland Lake 0.43 0.28 0.05 0.13 North Springfield Lake 0.43 0.28 0.05 0.15 North Indige Borok Lake 0.63 0.28 0.05 0.15 Sury Mountain Lake 1.16 0.75 0.05 0.16 Townshend Lake 0.63 0.67 0.14 0.36 Tully Lake 0.63 0.76 0.14 0.36 Union Village Dam 0.63 0.61 0.14 0.10 West Hill Dam 0.64 0.75 0.04 0.10				Franklin Falls Dam	0.50	0.33	90.0	0.15	0.54
Hodges Village Dam 1.12 0.73 0.13 0.35 Hodges Village Dam 1.12 0.73 0.13 0.35 Hop Brook Lake 5.58 3.66 0.64 1.74 Knightville Dam 0.38 0.25 0.04 0.12 Litteville Lake 0.65 0.42 0.08 0.20 Mansfield Hollow Lake 0.65 0.42 0.08 0.20 North Hatiand Lake 0.43 0.25 0.06 0.15 North Hatiand Lake 0.63 0.43 0.25 0.06 0.15 North Hatiand Lake 0.63 0.43 0.05 0.06 0.15 North Hatiand Lake 0.63 0.41 0.07 0.20 Intromastion Dam 0.63 0.41 0.07 0.20 Intromastion Dam 1.33 0.87 0.06 0.16 Intromastion Dam 0.23 0.25 0.06 0.16 Intromastion Dam 0.23 0.15 0.06 0.16 Intromastion Dam 0.23 0.15 0.09 0.10 Intromastion Dam 0.23 0.15 0.09 0.10 Intromastion Lake 0.03 0.15 0.00 0.10 Intromastion Lake 0.03 0.15 0.00 0.10 Intromastic Lake 0.03 0.15 0.00 0.10 Intromastic Lake 0.03 0.15 0.00 0.10 Introduction Lake 0.03 0.05 0.15 0.00 Introduction Lake 0.03 0.00 0.10 0.10 Introduction Lake 0.03 0.00 0.10 0.10 Introduction Lake 0.03 0.00 0.10 0.10 Introduction Lake 0.00 0.00 0.10 0.10 0.10 Introduction Lake 0.00 0.00 0.10 0.10 0.10 0.10 0.10 0.1				Hancock Brook Lake	0.13	60.0	0.02	0.04	0.14
Hop Brook Lake 2.05 1.34 0.24 0.64 Hopkinton-Evereit Lake 5.58 3.66 0.66 1.74 Hopkinton-Evereit Lake 0.65 0.45 0.04 0.12 Littleville Lake 0.65 0.42 0.09 0.26 Mansfield Hollow Lake 0.49 0.32 0.06 0.15 North Hartland Lake 0.49 0.35 0.06 0.15 North Springfield Lake 0.63 0.35 0.06 0.15 North Springfield Lake 0.63 0.35 0.06 0.15 Other Springfield Lake 0.63 0.35 0.06 0.15 Surry Mourtain Lake 1.16 0.75 0.16 0.26 Surry Mourtain Lake 0.53 0.35 0.06 0.16 Tolly Lake 0.08 0.15 0.06 0.16 Tolly Lake 0.63 0.64 0.06 0.16 West Hill Dam 0.83 0.64 0.09 0.18 West Hill Dam				Hodges Village Dam	1.12	0.73	0.13	0.35	1.21
Hopkinton-Everett Lake 5.68 3.66 0.66 1.74 Knightville Dam 0.38 0.25 0.04 0.12 Littleville Lake 0.65 0.42 0.08 0.20 Mansfield Hollow Lake 8.45 5.54 1.00 2.64 North Springfield Lake 0.49 0.32 0.06 0.15 North Springfield Lake 0.43 0.28 0.06 0.15 North Springfield Lake 0.43 0.28 0.06 0.15 North Springfield Lake 0.63 0.28 0.06 0.15 North Springfield Lake 0.63 0.35 0.06 0.16 North Marston Lake 0.63 0.41 0.07 0.20 Tully Lake 0.03 0.15 0.06 0.16 0.16 West Hill Dam 0.04 0.33 0.61 0.14 0.29 West Hill Dam 0.04 0.03 0.14 0.09 0.14 West Hill Dam 0.04 0.04 0.04 <			_	Hop Brook Lake	2.05	1.34	0.24	0.64	2.23
Knightwille Dam 0.38 0.25 0.04 0.12 Littleville Lake 0.65 0.42 0.08 0.20 Mansfield Hollow Lake 0.65 0.42 0.08 0.20 North Harland Lake 0.49 0.32 0.06 0.15 North Harland Lake 0.43 0.28 0.06 0.15 North Springfield Lake 0.63 0.41 0.06 0.16 North Springfield Lake 0.63 0.41 0.06 0.16 North Springfield Lake 0.63 0.41 0.07 0.20 Otter Brook Lake 0.63 0.41 0.07 0.20 Surry Mountain Lake 1.16 0.76 0.14 0.36 Townshend Lake 0.53 0.35 0.06 0.16 Tuliy Lake 0.01 0.15 0.05 0.06 0.16 Tuliy Wast Hill Dam 0.02 0.13 0.16 0.16 0.16 West Thompson Lake Alw Albemarle and Ches and Dismal Swamp 0.74 0.29 <td></td> <td></td> <td></td> <td>Hopkinton-Everett Lake</td> <td>5.58</td> <td>3.66</td> <td>99.0</td> <td>1.74</td> <td>90.9</td>				Hopkinton-Everett Lake	5.58	3.66	99.0	1.74	90.9
Littleville Lake 0.65 0.42 0.08 0.20 Mannsfield Hollow Lake 8.45 5.54 1.00 2.64 North Hardrad Lake 0.49 0.32 0.06 0.15 North Springfield Lake 0.53 0.28 0.06 0.13 North Springfield Lake 0.63 0.41 0.07 0.13 Otter Brook Lake 0.63 0.41 0.07 0.10 Surry Mountain Lake 1.16 0.76 0.14 0.36 Thomaston Dam 1.33 0.87 0.16 0.17 Townshend Lake 0.53 0.15 0.05 0.07 Tully Lake 0.00 0.15 0.15 0.05 0.07 Union Village Dam 0.03 0.22 0.04 0.07 West Hill Dam West Hill Dam 0.87 0.18 0.07 West Trompson Lake 0.73 0.48 0.09 0.14 West Hill Dam West Monav 0.73 0.48 0.09 0.04				Knightville Dam	0.38	0.25	0.04	0.12	0.41
Mannsfield Hollow Lake 8.45 5.54 1.00 2.64 North Hartland Lake 0.49 0.32 0.06 0.15 North Hartland Lake 0.63 0.28 0.06 0.13 Northfield Brook Lake 0.63 0.44 0.06 0.16 Surry Mountain Lake 1.16 0.76 0.14 0.20 Thomaston Dam 1.33 0.87 0.16 0.16 Townshend Lake 0.53 0.35 0.06 0.16 Tully Lake 0.00 0.23 0.16 0.16 West Hill Dam 0.03 0.25 0.06 0.16 West Hill Dam 0.03 0.61 0.11 0.23 West Hill Dam 0.03 0.61 0.11 0.23 West Hill Dam 0.03 0.61 0.16 0.10 West Hill Dam 0.04 0.73 0.64 0.10 West Hill Dam 0.05 0.61 0.14 0.23 Alwest Hill Dam 0.05 0.0				Littleville Lake	0.65	0.42	90.0	0.20	0.70
North Hartland Lake 0.49 0.32 0.06 0.15 North Springfield Lake 0.43 0.28 0.05 0.13 North Springfield Lake 0.63 0.35 0.06 0.16 North Springfield Lake 0.63 0.41 0.06 0.16 Sury Mountain Lake 1.36 0.76 0.14 0.36 Thomaston Dam 1.33 0.87 0.16 0.42 Townshend Lake 0.53 0.35 0.16 0.16 Tully Lake 0.0ing 0.15 0.06 0.16 West Hill Dam 0.0ing 0.15 0.03 0.07 West Hill Dam 0.0ing 0.15 0.04 0.10 West Hill Dam 0.0ing Lake 0.73 0.48 0.04 0.10 West Hill Dam 0.0ing Lake 0.73 0.48 0.05 0.04 0.10 West Hill Dam 0.0ing Lake 0.73 0.74 0.29 0.04 0.03 Awest Hill Dam 0.0ing Lake				Mansfield Hollow Lake	8.45	5.54	1.00	2.64	9.18
North Springfield Lake 0.43 0.28 0.05 0.13 Northfield Brook Lake 0.63 0.35 0.06 0.16 Surry Mountain Lake 1.16 0.76 0.14 0.36 Thomaston Dam 1.33 0.35 0.06 0.16 Townston Dam 0.53 0.35 0.06 0.16 Tully Lake 0.633 0.15 0.06 0.17 Union Village Dam 0.33 0.22 0.04 0.10 West Hill Dam 0.93 0.61 0.14 0.20 West Thompson Lake 0.73 0.48 0.09 0.18 West Hill Dam 0.73 0.48 0.09 0.23 West Thompson Lake 0.73 0.48 0.09 0.14 Westville Lake 0.73 0.48 0.09 0.23 Candinght Dam-Lake Moomaw 0.74 2.91 0.55 1.39 Francis E Walter Dam 4.90 3.21 0.56 0.05 0.14 InWW Delaware R				North Hartland Lake	0.49	0.32	90.0	0.15	0.53
Northfield Brook Lake 0.63 0.35 0.06 0.16 Otter Brook Lake 0.63 0.41 0.07 0.20 Surry Mountain Lake 1.16 0.76 0.14 0.36 Townshend Lake 0.53 0.87 0.16 0.42 Townshend Lake 0.23 0.35 0.06 0.16 Union Village Dam 0.33 0.22 0.04 0.10 West Hill Dam 0.03 0.61 0.11 0.29 West Thill Dam 0.83 0.61 0.11 0.29 West Thompson Lake 0.73 0.61 0.11 0.29 West Thompson Lake 0.77 0.48 0.09 0.18 0.47 West Thompson Lake 0.73 0.48 0.09 0.18 0.47 Canal Aliv Albemarle and Ches and Dismal Swamp 4.44 2.91 0.52 1.39 Canal Beltzville Lake Boomaw 0.48 0.29 0.05 0.14 Francis E Walter Dam Francis E				North Springfield Lake	0.43	0.28	0.05	0.13	0.47
Otter Brook Lake 0.63 0.41 0.07 0.20 Surry Mountain Lake 1.16 0.76 0.14 0.36 Thomaston Dam 1.33 0.87 0.16 0.42 Townshend Lake 0.53 0.35 0.06 0.16 Tully Lake 0.23 0.15 0.06 0.16 West Hill Dam 0.33 0.22 0.04 0.10 West Thompson Lake 0.73 0.61 0.11 0.29 West Momeante and Ches and Dismal Swamp 4.44 2.91 0.52 1.39 Canal Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 A Blue Marsh Lake 6.53 4.28 0.77 2.04 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWW Delaware R to Chesapeake Bay C + D Canal 3.90 2.56 0.10 0.16 Prompton Lake 0.84 0.55 0.10 0.26<				Northfield Brook Lake	0.53	0.35	90.0	0.16	0.57
Surry Mountain Lake 1.16 0.76 0.14 0.36 Thomaston Dam 1.33 0.87 0.16 0.42 Townshend Lake 0.53 0.35 0.06 0.16 Union Village Dam 0.33 0.22 0.04 0.10 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.83 0.61 0.11 0.29 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.73 0.48 0.09 0.23 AlW Albemarle and Ches and Dismal Swamp 4.44 2.91 0.52 1.39 Canal Gathright Dam-Lake Moomaw 0.44 2.91 0.52 1.39 Albia Beltzville Lake 6.53 4.28 0.77 2.04 Francis E Walter Dam Francis E Walter Dam 4.90 2.56 0.46				Otter Brook Lake	0.63	0.41	0.07	0.20	69.0
Thomaston Dam 1.33 0.87 0.16 0.42 Townshend Lake 0.53 0.35 0.06 0.16 Tully Lake 0.13 0.15 0.03 0.07 Union Village Dam 0.33 0.22 0.04 0.10 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.93 0.61 0.11 0.29 West Mille Lake 0.73 0.48 0.09 0.47 AlW Albemarle and Ches and Dismal Swamp 4.44 2.91 0.52 1.39 Canal AlW Albemarle and Ches and Dismal Swamp 4.44 2.91 0.52 1.39 Galthright Dam-Lake Moomaw 0.44 0.29 0.05 0.05 0.14 Beltzville Lake Beltzville Lake 8.48 5.56 1.00 2.64 Francis E Walter Dam Francis E Walter Dam 4.90 0.56 0.46 0.75 0.46 IWWW Delaware				Surry Mountain Lake	1.16	0.76	0.14	0.36	1.26
Townshend Lake 0.53 0.35 0.06 0.16 Tully Lake 0.23 0.15 0.03 0.07 Union Village Dam 0.33 0.22 0.04 0.10 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.73 0.48 0.09 0.47 West Hill Dam 0.73 0.48 0.09 0.23 AIW Albernarle and Ches and Dismal Swamp 4.44 2.91 0.52 1.39 Canal Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 Gathright Dam-Lake Moomaw 6.53 4.28 0.77 2.04 # Blue Marsh Lake 8.48 5.56 1.00 2.65 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWW Delaware R to Chesapeake Bay C + D Canal 0.046 0.16 0.26 Prompton Lake 0.084 0.55 0.010 0.06				Thomaston Dam	1.33	0.87	0.16	0.42	1.45
Tully Lake 0.23 0.15 0.03 0.07 Union Village Dam 0.33 0.22 0.04 0.10 West Hill Dam 0.93 0.61 0.11 0.29 West Thompson Lake 1.51 0.99 0.18 0.47 Westville Lake 0.73 0.48 0.09 0.23 AlW Albemarle and Ches and Dismal Swamp 4.44 2.91 0.05 0.23 Ganal Canal Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 Gathright Dam-Lake Moomaw 6.53 4.28 0.77 2.04 Beltzville Lake 6.53 4.28 0.77 2.04 Francis E Walter Dam 8.48 5.56 1.00 2.65 IWW Delaware R to Chesapeake Bay C + D Canal 3.90 2.56 0.16 1.22 Prompton Lake Prompton Lake 0.84 0.55 0.10 0.26				Townshend Lake	0.53	0.35	90.0	0.16	0.57
Union Village Dam 0.33 0.22 0.04 0.10 West Hill Dam 0.93 0.61 0.11 0.29 West Hill Dam 0.93 0.61 0.11 0.29 West Thompson Lake 1.51 0.99 0.18 0.47 Westville Lake 0.73 0.48 0.09 0.23 AIW Albemarle and Ches and Dismal Swamp 4.44 2.91 0.52 1.39 Canal Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 Gathright Dam-Lake Marsh Lake 6.53 4.28 0.77 2.04 # Blue Marsh Lake 8.48 5.56 1.00 2.65 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWW Delaware R to Chesapeake Bay C + D Canal 3.90 2.56 0.16 0.26 Prompton Lake 0.64 0.55 0.10 0.26 0.26				Tully Lake	0.23	0.15	0.03	0.07	0.25
West Hill Dam 0.93 0.61 0.11 0.29 West Thompson Lake 1.51 0.99 0.18 0.47 Westville Lake 0.73 0.48 0.09 0.23 AIW Albernarle and Ches and Dismal Swamp 4.44 2.91 0.05 1.39 Canal Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 Beltzville Lake 6.53 4.28 0.05 0.14 # Blue Marsh Lake 8.48 5.56 1.00 2.65 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWWV Delaware R to Chesapeake Bay C + D Canal 0.84 0.55 0.10 0.10 Prompton Lake 0.05 0.10 0.10 0.26 0.10				Union Village Dam	0.33	0.22	0.04	0.10	0.36
West Thompson Lake 1.51 0.99 0.18 0.47 Westville Lake 0.73 0.48 0.09 0.23 AIW Albernarle and Ches and Dismal Swamp Canal 4.44 2.91 0.52 1.39 Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 Iphia Beltzville Lake 6.53 4.28 0.77 2.04 # Blue Marsh Lake 8.48 5.56 1.00 2.65 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWWV Delaware R to Chesapeake Bay C + D Canal 3.90 2.56 0.46 1.22 Prompton Lake 0.010 0.10 0.10 0.26				West Hill Dam	0.93	0.61	0.11	0.29	1.01
Westville Lake 0.73 0.48 0.09 0.23 AIW Albemarle and Ches and Dismal Swamp Canal 4.44 2.91 0.52 1.39 Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 # Blue Marsh Lake 6.53 4.28 0.77 2.04 Francis E Walter Dam 4.90 3.21 0.58 1.55 IWW Delaware R to Chesapeake Bay C + D Canal 3.90 2.56 0.46 1.22 Prompton Lake 0.046 0.26 0.10 0.26				West Thompson Lake	1.51	66.0	0.18	0.47	1.64
AlW Albernarle and Ches and Dismal Swamp Canal 4.44 2.91 0.52 1.39 Canal Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 # Blue Marsh Lake Francis E Walter Dam 8.48 5.56 1.00 2.65 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWW Delaware R to Chesapeake Bay C + D Canal Prompton Lake 0.84 0.55 0.10 0.26					0.73	0.48	60.0	0.23	0.80
Gathright Dam-Lake Moomaw 0.44 0.29 0.05 0.14 Beltzville Lake 6.53 4.28 0.77 2.04 # Blue Marsh Lake 8.48 5.56 1.00 2.65 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWW Delaware R to Chesapeake Bay C + D Canal 3.90 2.56 0.46 1.22 Prompton Lake 0.84 0.55 0.10 0.26		Norfolk		bemarle and	4.44	2.91	0.52	1.39	4.83
Beltzville Lake 6.53 4.28 0.77 2.04 # Blue Marsh Lake 8.48 5.56 1.00 2.65 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWW Delaware R to Chesapeake Bay C + D Canal 3.90 2.56 0.46 1.22 Prompton Lake 0.84 0.55 0.10 0.26	·				0.44	0.29	0.05	0.14	0.48
Blue Marsh Lake 8.48 5.56 1.00 2.65 Francis E Walter Dam 4.90 3.21 0.58 1.53 IWWV Delaware R to Chesapeake Bay C + D Canal 3.90 2.56 0.46 1.22 Prompton Lake 0.84 0.55 0.10 0.26		Philadelphia		Beltzville Lake	6.53	4.28	0.77	2.04	7.09
m 4.90 3.21 0.58 1.53 Chesapeake Bay C + D Canal 3.90 2.56 0.46 1.22 0.84 0.55 0.10 0.26			#	Blue Marsh Lake	8.48	5.56	1.00	2.65	9.22
Chesapeake Bay C + D Canal 3.90 2.56 0.46 1.22 0.84 0.55 0.10 0.26				Francis E Walter Dam	4.90	3.21	0.58	1.53	5.32
0.84 0.55 0.10 0.26				IWW Delaware R to Chesapeake Bay C + D Canal	3.90	2.56	0.46	1.22	4.24
(Sheet 7 of 15)					0.84	0.55	0.10	0.26	0.91
									(Sheet 7 of 15)

(\$MM) Direct Indirect 4.26 2.79 0.55 13.21 8.67 1.5 13.21 8.67 1.5 13.21 8.67 1.5 13.21 8.67 1.5 8.12 5.33 0.9 8.12 5.3 0.9 3.13 2.05 0.3 4.48 2.05 0.7 6.03 3.95 0.7 7.78 8.49 1.5 6.03 3.95 0.7 7.78 8.49 1.5 8.93 5.86 1.0 9.04 5.94 1.0 9.04 5.94 1.0 18.41 12.08 2.1 1.29 8.93 5.86 1.0 3.27 2.14 0.3 1.294 4.48 2.57 0.2 1.295 1.483 2.1 1.286 1.289 2.1 1.286 2.16<				Total Spending		Sales Eff	Sales Effects (\$MM)	
Karnass City Blue Springs Lake 4.26 2.79 0.50 1.33 4 Cultucul Lake 13.21 6.67 1.56 4.13 1.8 Hadlar County Lake 13.22 2.04 0.59 3.78 3.89 9.78 3.78 Histoale Lake 4.48 2.94 0.53 0.49 1.30 6.98 2.54 0.53 0.49 3.78 0.98 3.78 0.98 3.78 0.98 3.78 0.98 3.78 0.98 3.78 0.98 3.78 0.98 3.78 0.98 3.78 0.98 3.78 0.49 1.30 0.98 3.74 1.30 0.49 1.30 0.49 1.30 1.30 0.49 1.30 1.30 0.49 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1.40 1.30 1		trict	Project	(\$MM)	Direct	Indirect	Induced	Total
Clinion Lake		isas City	Blue Springs Lake	4.26	2.79	0:20	1.33	4.63
# Hartlan Countrly Lake 812 5.33 0.96 2.64 8 H Hartlan Countrly Lake H Hartlan Countrly Lake 4.48 2.05 0.57 0.99 2.79 3.79 H Hillschafe Lake 4.15 2.05 0.37 0.99 1.30 4.7 Long Branch Lake 6.03 3.13 2.05 0.37 0.99 2.4 Long Branch Lake 6.03 3.55 0.71 1.80 4.1 1.30 4.1 H Miltord Lake 6.03 3.55 0.71 1.89 9.49 1.53 4.05 1.4 Pornova Lake 8.83 5.96 1.07 2.79 8.93 6.63 2.79 8.94 1.05 2.79 8.94 1.05 2.79 8.94 1.05 2.79 8.94 1.05 2.79 8.94 1.05 2.79 8.94 1.07 2.83 8.76 1.07 2.83 8.76 1.07 2.83 8.76 1.07 2.83 8.76 1.07 2.	-	•	Clinton Lake	13.21	8.67	1.56	4.13	14.36
# Harry S Tuman Dam and Reservoir 31.28 20.52 3.69 9.78 33 Hillscale Lake Kanpolic Lake Long Branch Lake # Milrord Lake Perry Lake # Pomme De Terre Lake # Sondton Lake # Sondton Lake # Sondton Lake Bear Creek Lake Bowman Halay Lake Bowman Halay Lake Bowman Halay Lake Collestoga Collestog			Harlan County Lake	8.12	5.33	96.0	2.54	8.82
Hillischie Lake			Harry S Truman Dam	31.28	20.52	3.69	9.78	33.98
Kanopolis Lake 3.13 2.05 0.37 0.98 2 Long Branch Lake 4.15 2.72 0.49 1.30 4 Longuistur Lake 6.03 3.56 0.71 1.88 6 # Millord Lake 7.78 5.10 0.92 2.43 6 # Pomme De Terre Lake 7.78 5.10 0.92 2.43 6 # Pomme De Terre Lake 8.93 5.86 1.05 2.73 6 # Pomme De Terre Lake 8.93 5.86 1.05 2.73 6 # Pomme De Terre Lake 8.93 5.86 1.05 2.73 6 # Pomme De Terre Lake 8.93 5.86 1.05 2.73 6 # Pomme De Terre Lake 8.93 5.86 1.07 2.83 9.41 3 # Shockron Lake 9.04 5.94 1.07 2.83 1.07 2.83 1.02 # Shockron Lake 9.04 5.93 1.07 2.83 1.02 2.83 <tr< td=""><td></td><td></td><td>Hillsdale Lake</td><td>4.48</td><td>2.94</td><td>0.53</td><td>1.40</td><td>4.86</td></tr<>			Hillsdale Lake	4.48	2.94	0.53	1.40	4.86
Long Branch Lake 4.15 2.72 0.49 1.30 4.4 Long Branch Lake Long Branch Lake 10.35 6.79 1.22 3.24 11 Melvem Lake 6.03 3.95 0.71 1.88 11 1.88 11 # Melvem Lake 7.78 5.10 0.32 2.43 6.73 1.40 1.40 1.53 4.05 1.4 1.53 4.05 1.4 1.53 4.05 1.4 1.53 4.05 1.4 1.53 4.05 1.4 1.53 4.05 1.4 1.53 4.05 1.4 1.53 4.05 1.4 1.05 2.73 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23 2.79 6.23			Kanopolis Lake	3.13	2.05	0.37	0.98	3.40
Longview Lake			Long Branch Lake	4.15	2.72	0.49	1.30	4.51
Melvern Lake 6.03 3.95 0.71 1.88 g # Milford Lake 7.78 5.10 0.82 2.43 1 Perty Lake 12.95 8.49 1.53 4.05 1 # Pormme De Terre Lake 30.11 19.75 3.68 1.05 2.79 5.7 # Pormme De Terre Lake 8.93 5.86 1.07 2.83 9.41 33 # Smithville Lake 8.93 5.94 1.07 2.83 2.7 2.83 2.7 2.83 2.7 2.83 2.7 2.83 2.7 2.83 1.07 2.83 2.7 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83			Longview Lake	10.35	6.79	1.22	3.24	11.25
# Millord Lake 7.78 5.10 0.92 2.43 8 # Pomme De Terre Lake 12.95 8.49 1.53 4.05 1.4 # Pomme De Terre Lake 30.11 19.75 3.56 9.41 3.5 # Rathbur Lake Pormona Lake 9.05 5.94 1.07 2.83 2.7 # Shockton Lake 18.41 12.08 2.17 2.83 2.2 Wilson Lake 9.04 5.93 1.07 2.83 2.5 Wilson Lake 9.04 5.93 1.07 2.83 2.6 Bear Creek Lake 4.48 2.57 0.25 0.71 2.83 # Big Bend Dam Lake Sharpe 18.11 11.88 2.14 5.66 1.02 Bluestern Lake Big Bend Dam Lake Sharpe 4.48 2.57 0.25 0.71 0.75 Bluestern Lake Big Bend Dam Lake 3.28 2.14 5.66 1.03 Bluestern Lake Big Bend Dam Lake Sharpe 42.39 2.781 0.06 0.15<			Melvern Lake	6.03	3.95	0.71	1.88	6.55
Perry Lake 12.95 8.49 1.53 4.05 11-15 <				7.78	5.10	0.92	2.43	8.45
# Pomme De Terre Lake 30.11 19.75 3.56 9.41 33 # Rathbun Lake 8.93 5.86 1.05 2.79 5.94 1.07 2.83 5.8 # Smithville Lake 10.94 13.08 2.35 6.23 2.7 2.83 2.7 2.83 1.07 2.83 2.7 2.83 1.02 2.83 2.80 2.80 1.02 2.83 1.07 2.83 2.8 2.14 6.23 2.8 2.83 2.14 5.76 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 1.02 2.83 2.14 5.66 1.13 2.14 5.66 1.13 2.14 5.66 1.13 2.14 5.66 1.63 2.14 2.14 2.14	-			12.95	8.49	1.53	4.05	14.07
Pomona Lake 8.93 5.86 1.05 2.79 5 # Rathbun Lake 9.05 5.94 1.07 2.83 5 # Smithville Lake 19.24 13.06 2.35 6.23 2.7 # Slockton Lake 18.41 12.08 2.17 5.76 2.83 2 # Big Bend Dam Lake Sharpe 4.48 2.57 0.25 0.71 2.83 2 # Big Bend Dam Lake Sharpe 18.11 11.86 2.14 5.66 11 Bluestern Lake 0.27 0.18 0.03 0.07 0.15 10.2 Bluestern Lake 0.27 0.18 0.03 0.05 0.15 0.06 0.15 Bluestern Lake 0.27 0.18 0.03 0.06 0.15 0.06 0.15 Bluestern Lake 0.49 0.32 0.06 0.15 0.06 0.15 0.06 0.15 0.06 0.15 0.06 0.15 0.06 0.15 0.06 0.15 0.06 <t< td=""><td></td><td></td><td>Pomme De Terre Lak</td><td>30.11</td><td>19.75</td><td>3.56</td><td>9.41</td><td>32.72</td></t<>			Pomme De Terre Lak	30.11	19.75	3.56	9.41	32.72
# Rathbun Lake 9.05 5.94 1.07 2.83 8 # Smithville Lake 19.94 13.08 2.35 6.23 2 # Stockton Lake 9.04 5.93 1.07 2.83 2 Wilson Lake Bear Creek Lake 3.27 2.14 0.39 1.02 2.83 # Big Bend Dam Lake Sharpe 18.11 11.88 2.14 5.66 11 # Big Bend Dam Lake Sharpe 0.27 0.18 0.32 0.07 0.05 11 Bluesten Lake Bowman Haley Lake 0.27 0.18 2.14 5.66 11 Branched Oak Lake 3.28 2.15 0.05 0.05 0.15 0.06 Branched Oak Lake 42.39 27.81 5.00 1.32 4 4 2.56 6.16 2 Cold Brock Lake 4.239 27.81 5.00 0.15 0.05 0.15 0.05 0.15 0.05 Cold Brock Lake Cold Brock Lake 0.47 0.31			1	8.93	5.86	1.05	2.79	9.70
# Snrithville Lake 19.94 13.08 2.35 6.23 2.7 # Stockton Lake 18.41 12.08 2.17 5.76 22 Wilson Lake 3.27 2.14 0.39 1.02 2.83 2.7 Wilson Lake Bear Creek Lake 3.27 2.14 0.39 1.02 2.7 1.02 # Big Band Dam Lake Sharpe 0.27 0.18 0.03 0.08 1.02 1.02 1.02 Bluestem Lake Bowman Haley Lake 0.49 0.32 0.06 0.15 1.03				9:02	5.94	1.07	2.83	9.83
# Stockton Lake 18.41 12.08 2.17 5.76 22 Tuttle Creek Lake 9.04 5.93 1.07 2.83 9.7 2.14 0.39 1.02 2.83 9.7 2.83 9.7 2.83 1.07 2.83 9.7 2.83 1.07 2.83 9.7 2.83 1.07 2.83 9.7 2.83 9.04 9.04 9.04 9.04 9.257 0.25 0.71 9.7 9.04 </td <td></td> <td></td> <td></td> <td>19.94</td> <td>13.08</td> <td>2.35</td> <td>6.23</td> <td>21.67</td>				19.94	13.08	2.35	6.23	21.67
Tuttle Creek Lake 9.04 5.93 1.07 2.83 Wilson Lake 3.27 2.14 0.39 1.02 Bear Creek Lake 4.48 2.57 0.25 0.71 # Big Bend Dam Lake Sharpe 18.11 11.88 2.14 5.66 17 Bluestem Lake 0.27 0.18 0.03 0.08 0.15 0.06 Branched Oak Lake 3.28 2.15 0.39 1.03 2 # Chatrield Lake 2.36 14.83 2.26 6.16 2 # Charry Creek Lake 42.39 27.81 5.00 1.35 4 Cold Brook Lake 0.04 0.31 0.06 0.15 4 Cold Brook Lake 0.04 0.32 0.06 0.15 4 Cold Brook Lake 0.04 0.31 0.06 0.15 4 Cold Brook Lake 0.04 0.32 0.06 0.15 4 Fort Peck Project 0.04 0.32 0.06 0.15 4 <td></td> <td></td> <td></td> <td>18.41</td> <td>12.08</td> <td>2.17</td> <td>5.76</td> <td>20.01</td>				18.41	12.08	2.17	5.76	20.01
Wilson Lake 3.27 2.14 0.39 1.02 Bear Creek Lake 4.48 2.57 0.25 0.71 3.5 Bluestem Lake 0.27 0.18 2.14 5.66 11 Bluestem Lake 0.27 0.18 0.03 0.08 0.15 Bowman Haley Lake 0.49 0.32 0.06 0.15 0.15 Branched Oak Lake 3.28 2.15 0.39 1.03 0.15 # Chartfield Lake 42.39 27.81 5.00 0.15 4 Cold Brook Lake 0.47 0.31 0.06 0.15 4 Cold Brook Lake 0.47 0.31 0.06 0.15 4 Cold Brook Lake 0.47 0.31 0.06 0.15 0.06 0.15 Cold Brook Lake 0.49 0.32 0.06 0.15 0.06 0.15 0.06 0.15 Cold Brook Lake 0.49 0.32 0.06 0.15 0.06 0.15 0.06			Tuttle Creek Lake	9.04	5.93	1.07	2.83	9.83
# Big Bend Dam Lake Sharpe 4.48 2.57 0.25 0.71 3.28 2.14 5.66 11 Bluestern Lake 0.27 0.18 0.03 0.08 0.08 0.08 0.05 0.08 0.08 0.08 0.08 0.05 0.05 0.05 0.05 0.15 0.05 0.05 0.15 0.05 0.05 0.15			Wilson Lake	3.27	2.14	0.39	1.02	3.55
# Big Bend Dam Lake Sharpe 18.11 11.88 2.14 5.66 11 Bluestem Lake 0.27 0.18 0.03 0.08 0.15 0.08 0.15 0.08 0.15 0.08 0.15 0.08 0.15 0.08 0.15 0.08 0.15	<u> </u> ්	naha	Bear Creek Lake	4.48	2.57	0.25	0.71	3.53
Bluestem Lake 0.27 0.18 0.03 0.08 Bowman Haley Lake 0.49 0.32 0.06 0.15 Branched Oak Lake 23.90 14.83 2.26 6.16 2 Chartfield Lake 42.39 27.81 5.00 13.25 4 Cherry Creek Lake 0.47 0.31 0.06 0.15 4 Coid Brook Lake 0.47 0.31 0.06 0.15 4 Coid Brook Lake 0.49 0.32 0.06 0.15 4 Coid Brook Lake 0.10 0.07 0.01 0.05 0.15 0.15 Coid Brook Lake 0.10 0.32 0.06 0.15 0.05 0.15 0.05 0.15 0.05 0.15 0.05 0.15 0.05 0.15 0.05 0.15 0.05 0.15 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.04			Big Bend Dam Lake	18.11	11.88	2.14	5.66	19.68
Bowman Haley Lake 0.49 0.32 0.06 0.15 Branched Oak Lake 3.28 2.15 0.39 1.03 Chaffield Lake 23.90 14.83 2.26 6.16 2 Cherry Creek Lake 42.39 27.81 5.00 13.25 4 Cold Brook Lake 0.47 0.31 0.06 0.15 1 Conestoga Lake 0.49 0.32 0.06 0.15 1 Cottonwood Springs Lake 0.10 0.07 0.01 0.03 1 Fort Peck Project 5.59 3.67 0.66 1.75 1 Fort Randall Dam Lake Francis Case 12.93 8.48 1.53 4.04 1 Garrison Dam Lake Sakakawea 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 0.06 0.06 0.06 Glenn Cunningham Lake 2.11 1.39 0.25 0.06 0.06			Bluestem Lake	0.27	0.18	0.03	0.08	0.29
Branched Oak Lake 3.28 2.15 0.39 1.03 Chaffield Lake 23.90 14.83 2.26 6.16 2 Cherry Creek Lake 42.39 27.81 5.00 13.25 4 Cold Brook Lake 0.47 0.31 0.06 0.15 0.15 Conestoga Lake 0.10 0.07 0.06 0.15 0.05 Cottonwood Springs Lake 0.10 0.07 0.01 0.03 0.05 Fort Peck Project 5.59 3.67 0.66 1.75 1.75 Fort Randall Dam Lake Francis Case 12.93 8.48 1.53 4.04 1 Garrison Dam Lake Sakakawea 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66 0.66			Bowman Haley Lake	0.49	0.32	90.0	0.15	0.53
Charfield Lake Charfield Lake 23.90 14.83 2.26 6.16 2 Cherry Creek Lake 42.39 27.81 5.00 13.25 4 Cold Brook Lake 0.47 0.31 0.06 0.15			Branched Oak Lake	3.28	2.15	0.39	1.03	3.57
Cherry Creek Lake 42.39 27.81 5.00 13.25 4 Cold Brook Lake 0.47 0.31 0.06 0.15 0.15 Conestoga Lake 0.10 0.07 0.06 0.15 0.05 Fort Peck Project 5.59 3.67 0.66 1.75 1.75 Fort Randall Dam Lake Francis Case 12.93 8.48 1.53 4.04 1 Garrison Dam Lake Sakakawaa 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66 0.66				23.90	14.83	2.26	6.16	23.26
Cold Brook Lake 0.47 0.31 0.06 0.15 Conestoga Lake 0.49 0.32 0.06 0.15 Cottonwood Springs Lake 0.10 0.07 0.01 0.03 Fort Peck Project 5.59 3.67 0.66 1.75 Fort Randall Dam Lake Francis Case 12.93 8.48 1.53 4.04 1 Garrison Dam Lake Sakakawea 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66				42.39	27.81	5.00	13.25	46.06
Conestoga Lake 0.49 0.32 0.06 0.15 Cottonwood Springs Lake 0.10 0.07 0.01 0.03 Fort Peck Project 5.59 3.67 0.66 1.75 Fort Randall Dam Lake Francis Case 12.93 8.48 1.53 4.04 1 Garrison Dam Lake Sakakawea 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66			Cold Brook Lake	0.47	0.31	90:0	0.15	0.51
Cottonwood Springs Lake 0.10 0.07 0.01 0.03 Fort Peck Project 5.59 3.67 0.66 1.75 Fort Randall Dam Lake Francis Case 12.93 8.48 1.53 4.04 1 Garrison Dam Lake Sakakawea 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66			Conestoga Lake	0.49	0.32	90:0	0.15	0.54
Fort Peck Project 5.59 3.67 0.66 1.75 Fort Randall Dam Lake Francis Case 12.93 8.48 1.53 4.04 1 Garrison Dam Lake Sakakawea 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66			Cottonwood Springs Lake	0.10	0.07	0.01	0.03	0.11
Fort Randall Dam Lake Francis Case 12.93 8.48 1.53 4.04 1 Garrison Dam Lake Sakakawea 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66			Fort Peck Project	5.59	3.67	99.0	1.75	90.9
Garrison Dam Lake Sakakawea 21.95 14.40 2.59 6.86 2 Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66 0.66			Fort Randall Dam Lake Francis Cas		8.48	1.53	4.04	14.05
Gavins Point Project 24.72 13.75 1.50 3.63 1 Glenn Cunningham Lake 2.11 1.39 0.25 0.66			Garrison Dam Lake Sakakawea	21.95	14.40	2.59	6.86	23.85
Lake 2.11 1.39 0.25 0.66				24.72	13.75	1.50	3.63	18.89
			Glenn Cunningham Lake	2.11	1.39	0.25	99.0	2.30

Table E2	Table E2 (Continued)							
Divieron	Dietrict	2	•	Total Spending		Sales Ef	Sales Effects (\$MM)	
DIVISIOII	DISTLICT	Project	າວອ	(\$MM)	Direct	Indirect	Induced	Total
NWD (cont)	NWD (cont) Omaha (cont)		Holmes Lake	5.24	3.44	0.62	1.64	5.69
		#	Oahe Dam Lake Oahe	24.96	16.37	2.95	7.80	27.12
			Olive Creek Lake	0.19	0.12	0.02	90:0	0.21
			Pawnee Lake	1.92	1.26	0.23	09:0	2.08
			Pipestem Lake	1.14	0.75	0.13	0.36	1.24
			Site 10 Yankee Hill Lake Saltcreek Tributary	0.26	0.17	0.03	0.08	0.28
			Snyder-Winnebago	1.10	0.72	0.13	0.34	1.20
			Stagecoach Lake	0.22	0.15	0.03	0.07	0.24
			Standing Bear Lake	1.41	0.92	0.17	0.44	1.53
			Twin Lakes	0.23	0.15	0.03	0.07	0.25
			Wagontrain Lake	0.32	0.23	90.0	0.11	0.39
			Wehrspann Lake	3.91	2.56	0.46	1.22	4.24
			Zorinsky Lake	4.66	3.06	0.55	1.46	5.06
	Portland		Blue River Lake	0.74	0.48	60.0	0.23	0.80
		#	Bonneville Lock and Dam	41.82	27.43	4.94	13.07	45.44
			Cottage Grove Lake	7.08	4.65	0.84	2.21	7.70
			Cougar Lake	0.99	0.65	0.12	0.31	1.07
			Detroit Lake	0.35	0.23	0.04	0.11	0.38
			Dexter Lake	7.75	5.07	0.91	2.59	8.57
			Dorena Lake	5.49	3.60	0.65	1.72	5.96
			Fall Creek Lake	0.92	0.58	60.0	0.29	0.96
			Fern Ridge Lake	13.59	8.91	1.60	4.25	14.76
			Foster Lake	8.66	5.68	1.02	2.71	9.41
			Green Peter Lake	4.37	2.87	0.52	1.37	4.75
			Hills Creek	0.20	0.13	0.02	90.0	0.22
		#	John Day Lock and Dam, Lake Umatilla	30.25	19.84	3.57	9.45	32.87
			Lookout Point Lake	2.39	1.57	0.28	0.75	2.60
			Lost Creek Lake	9.23	6.05	1.09	2.88	10.03
		#	The Dalles Lock and Dam, Lake Celilo	14.99	9.83	1.77	4.69	16.29
			Willamette Falls Locks	0.76	0.50	60.0	0.24	0.82
		4	Willow Creek	0.60	0.39	0.07	0.19	0.65
								(Sheet 9 of 15)
						200.00		

Table E2	Table E2 (Continued)				- 0		
Division	District	Project	Total Spending (\$MM)	Direct	Sales En Indirect	Sales Effects (\$MM)	Total
NWD (cont.) Seattle	Seattle	Albeni Falls Dam and Lake Pend Oreille	3.85	2.53	0.45	1.20	4.19
)			2.20	1.44	0.26	69.0	2.39
			11.95	7.84	1.41	3.74	12.99
		Lake Washington Ship Canal	21.81	14.31	2.58	6.82	23.70
		Libby Dam and Lake Koocanusa	3.89	2.55	0.46	1.22	4.23
		Mud Mountain Dam Project White River	1.44	0.94	0.17	0.45	1.56
	Walla Walla	# Dworshak Dam & Reservoir	3.51	2.30	0.41	1.10	3.81
		Ice Harbor Lock & Dam, Lake Sacajawea	7.45	4.89	0.88	2.33	8.10
		Little Goose Lock & Dam, Lake Bryan	3.11	2.04	0.37	0.97	3.38
		i# Lower Granite Lock & Dam	15.58	10.22	1.84	4.87	16.93
		Lower Monumental Lock & Dam, Lake West	2.56	1.68	0:30	0.80	2.78
		Lucky Peak Lake	11.82	7.93	2.23	5.61	15.77
		# McNary Lock & Dam, Lake Wallula	58.89	38.63	6.95	18.41	63.99
		Mill Creek Lake	2.28	1.50	0.27	0.71	2.48
POD	Alaska	Chena River Lakes	2.10	1.38	0.25	99.0	2.28
SAD	Jacksonville	Fernandina Harbor	0.86	0.57	0.10	0.27	0.94
		Four River Basins	3.70	2.43	0.44	1.16	4.02
		! Lake Okeechobee and Waterway	112.77	73.97	13.31	35.25	122.53
		Miami Harbor	0.63	0.41	20.0	0.20	0.69
	Mobile	Alabama River Lakes Claiborne	3.61	2.37	0.43	1.13	3.93
		# Alabama River Lakes Dannelly	30.28	18.87	2.78	5.90	27.55
•		# Alabama River Lakes Woodruff	26.89	17.83	3.59	6.46	27.87
		# Allatoona Lake	94.46	63.53	13.11	22.42	90.06
		Black Warrior and Tombigbee Lakes	66.57	43.66	7.86	20.81	72.33
		Carters Lake	10.71	7.03	1.26	3.35	11.64
		George W. Andrews Lake	6.78	4.45	08.0	2.12	7.37
		# Lake Seminole	17.09	10.60	1.63	3.94	16.17
		# Lake Sidney Lanier	125.97	84.19	16.82	45.59	146.59
		Okatibbee Lake	14.97	9.82	1.77	4.68	16.26
		! Tennessee-Tombigbee Waterway	51.89	34.03	6.13	16.22	56.38
		i# Walter F. George Lake	111.27	66.04	10.24	24.87	101.16
		# West Point Project	36.18	23.16	3.97	10.34	37.47
							(Sheet 10 of 15)

Table E2	Table E2 (Continued)							
	7 . 7 . 6	_	*	Total Spending		Sales Effects (\$MM)	cts (\$MM)	
DIVISION		2	Project	(\$MM)	Direct	Indirect	Induced	Total
SAD (cont)	Savannah	生	Hartwell Lake	164.26	109.90	22.40	51.06	183.35
		#	J. Strom Thurmond Lake	100.84	64.58	12.15	28.97	105.70
			New Savannah Bluff Lock and Dam	1.86	1.22	0.22	0.58	2.03
			Richard B Russell Dam and Lake	19.85	13.02	2.34	6.20	21.56
	Wilmington	#	B Everett Jordan Dam and Lake	19.72	12.79	1.66	4.65	19.09
			Cape Fear River <3 Locks and Dams>	0.98	0.65	0.12	0.31	1.07
		#	Falls Lake	9.32	9.00	0.76	2.10	8.87
		#	John H Kerr Dam and Reservoir	40.83	24.68	3.76	12.09	40.52
		#	Philpott Lake	14.02	8.33	1.01	3.44	12.78
		#	W Kerr Scott Dam and Reservoir	17.14	10.58	1.12	3.94	15.65
SPD	Albuquerque		Abiquiu Dam	1.26	0.83	0.15	0.39	1.37
			Cochiti Lake	3.92	2.57	0.46	1.22	4.26
***************************************			Conchas Lake	2.45	1.61	0.29	0.77	2.66
			Galisteo Dam	90.0	0.04	0.01	0.02	0.07
			Jemez Canyon Dam	0.23	0.15	0.03	0.07	0.24
			John Martin Dam	4.73	3.10	0.56	1.48	5.13
			Santa Rosa Dam and Lake	1.21	0.79	0.14	0.38	1.32
			Trinidad Lake	2.16	1.42	0.26	99.0	2.35
			Two Rivers Dam	0.02	0.02	0.00	0.01	0.03
	Los Angeles		Alamo Lake	5.28	3.46	0.62	1.65	5.74
			Brea Dam	3.78	2.48	0.45	1.18	4.10
			Carbon Canyon Dam	3.41	2.24	0.40	1.07	3.71
			Fullerton Dam	3.83	2.51	0.45	1.20	4.16
		#	Hansen Dam	14.79	12.23	3.09	6.63	21.95
			Mojave River Dam	0.26	0.17	0.03	90:0	0.28
			Painted Rock Dam	00.00	00.0	00.00	0.00	00:00
			Prado Dam	5.61	3.68	99'0	1.75	6.10
			Salinas Dam Santa Margarita Lake	1.87	1.23	0.22	0.59	2.04
			Santa Fe Dam	5.37	3.52	0.63	1.68	5.84
· ******		#	Sepulveda Dam	27.24	22.53	5.69	12.21	40.43
		#	Whittier Narrows Dam	31.13	25.76	6.43	14.13	46.33
								(Sheet 11 of 15)
							- Change & Print of Con-	

Division SPD (cont)		ŀ				#H color	Section (KRABA)	
SPD (cont)	District	4	Project	(\$MM)	Direct	Indirect	sales Ellects (amin)	Total
•	Sacramento	#	Black Butte Lake	2.31	1.37	0.19	0.63	2.19
		#	Eastman Lake	1.04	0.68	0.15	0.28	1.11
		#	Harry L Englebright Lake	1.62	1.06	0.19	0.51	1.76
		#	Hensley Lake	2.32	1.40	0.13	0.48	2.01
		#	Lake Kaweah	6.70	4.40	0.95	1.84	7.19
		L	Martis Creek Lake	0.40	0.25	0.05	0.17	0.47
		#	New Hogan Lake	3.86	2.53	0.46	1.21	4.20
		#	1	6.07	3.98	0.72	1.90	09.9
			Stanislaus River Parks	6.73	3.78	0.56	2.23	6.58
		#	Success Lake	6.70	4.46	1.07	2.59	8.12
	San Francisco	#		9.69	6.36	1.14	3.03	10.53
			Lake Sonoma	6.02	3.81	0.68	2.05	6.54
		_	S F Bay Model Regional Visitor Center	2.69	1.60	0.15	0.55	2.29
SWD	Fort Worth	\vdash	Aquilla Dam & Lake	0.99	0.65	0.12	0.31	1.08
		<u></u>	Bardwell Lake	7.49	4.91	0.88	2.34	8.13
		#	Belton Lake	34.60	21.36	3.46	8.94	33.76
		1_	Benbrook Lake	17.37	11.40	2.05	5.43	18.88
		#		19.80	13.91	2.91	7.72	24.54
		<u>L</u>	Cooper Lake	3.95	2.59	0.47	1.23	4.29
		#		16.11	10.84	1.92	5.83	18.59
			Granger Lake	5.40	3.54	0.64	1.69	5.87
		#	1	23.68	18.16	3.57	7.78	29.50
			Hords Creek Lake	7.28	4.78	0.86	2.28	7.91
		#	Joe Pool Lake	13.80	10.62	2.08	4.29	16.99
		L	Lake Georgetown	9.25	6.07	1.09	2.89	10.05
		#		25.39	20.46	3.84	7.19	31.49
		#		47.57	36.35	7.21	16.60	60.15
			Navarro Mills Lake	8.20	5.38	0.97	2.56	8.91
		<u>l</u> _	O.C. Fisher Lake	13.03	8.54	1.54	4.07	14.15
		<u> </u>	Proctor Lake	5.33	3.50	0.63	1.67	5.79
			Ray Roberts Lake	37.22	24.41	4.39	11.63	40.44
		#	sam Rayburn Reservoir	28.50	17.19	2.90	8.74	28.83
		#	Somerville Lake	22.17	14.32	2.44	90.9	22.83
								(Sheet 12 of 15)

Switch Project (SMI) Sept. (SMI) Sept. State Effects (SMI) Total Sept. (SMI) Inclined. Inclined. Inclined. Inclined. Total Sull Sept. (SMI)	Table E2	Table E2 (Continued)							
Folding Hollow Reservoir G61 A34 Indirect Induced	:		Ľ	_	Total Spending		Sales Eff	fects (\$MM)	
Stillhouse Hollow Reservoir 661 4,34 0.78 207 Town Bulf Dam B.A. Steinhagen Lake 562 3.69 0.66 1,76 # Whitney Lake 12.22 2.22 8.02 # Whitney Lake 17.63 11.22 2.22 8.02 # Whitney Lake 17.63 11.38 1.92 6.24 # Addicks Dam 7.21 47.3 0.85 2.22 Whitney Lake 7.21 47.3 0.85 2.25 Wallswille Reservoir 2.48 1.63 0.29 0.76 Wallswille Reservoir 2.48 1.63 0.29 0.78 Wallswille Reservoir 2.48 1.63 0.29 0.78 Wallswille Reservoir 2.48 1.63 0.29 0.78 Wallswille Reservoir 2.22 0.29 0.78 0.78 Clearwater Lake 6.67 1.74 0.26 0.78 Clearwater Lake 6.57 1.72 0.21 0.51 E Daridanelle Lake - Ark Riv Nav Sy	Division	District	T.		(\$MM)	Direct	Indirect	Induced	Total
Trown Bluff Dam B. A. Steinhagen Lake 562 3.69 0.66 1.76 # Widout Lake 17.73 12.22 2.22 8.02 # Wright Patman Dam and Lake 17.63 11.28 1.92 6.24 # Wright Patman Dam and Lake 17.63 11.28 1.92 6.24 # Wright Patman Dam and Lake 17.63 11.28 1.92 6.24 # Barker Dam 7.21 4.73 0.85 2.25 # Bull Shoals Lake 8.57 4.31 0.78 45.94 # David D. Terry Lock and Dam - Ark Riv Nav Sys 19.74 13.15 0.31 0.82 # David D. Terry Lock and Dam - Ark Riv Nav Sys 12.29 0.41 1.05 # Murray Lock and Dam - Ark Riv Nav Sys 12.29 0.45 1.01 0.82 # Murray Lock and Dam - Ark Riv Nav Sys 1.22 0.65 1.10 0.08 # Murray Lock and Dam - Ark Riv Nav Sys 0.96 0.77 0.14 0.37 # Ninroct Lake 8.05 0.78 0.04 0.03 # Norfork Lake 8.05 0.04 0.08 0.00 # Norfork Lake 8.05 0.77 0.14 0.37 # Norfork Lake 8.05 0.04 0.03 0.08 # Norfork Lake 8.05 0.04 0.08 0.00 # Norfork Lake 8.05 0.77 0.14 0.37 Pool 3 Lock and Dam - Ark Riv Nav Sys 8.57 1.91 0.04 0.31 Pool 4 Lock and Dam - Ark Riv Nav Sys 2.85 1.73 0.31 0.04 0.31 Pool 5 Lock and Dam - Ark Riv Nav Sys 2.85 1.73 0.31 0.04 0.31 Pool 5 Lock and Dam - Ark Riv Nav Sys 2.85 1.75 0.31 0.34 0.31 Rock Celler Lake - Orman Lake Riv Nav Sys 2.81 1.91 0.34 0.31 Rock Celler Lake - Orman Lake Riv Nav Sys 2.81 1.91 0.34 0.31 # Table Rock Lake 8.57 6.57 0.31 0.31 0.31 0.31 # Table Rock Lake 8.57 6.57 0.31 0.3	SWD (cont)	Fort Worth (cont)		Stillhouse Hollow Reservoir	6.61	4.34	0.78	2.07	7.19
## Mozor Lake 2551 16.99 3.39 9.83 # Whithey Lake 16.72 2.22 8.02 # Millord Lake 17.83 11.22 2.22 8.02 # Addicks Dam Barker Dam 7.21 4.73 0.85 2.25 # Barker Dam Barker Dam 7.21 4.73 0.85 2.25 # Blue Mountain Lake 3.04 1.74 0.29 0.78 2.54 # Blue Mountain Lake 3.04 1.74 0.26 0.59 4.594 # Dardanel Lake 6.57 4.31 0.78 2.05 1.70 # Dardanel Lake 6.57 4.31 0.78 3.04 1.09 # Dardanel Lake Ark.Riv.Nav.Sys 3.49 2.29 0.41 1.09 # Dardanel Lake Ark.Riv.Nav.Sys 19.28 6.05 6.04 1.15 3.04 1.00 # Dardanel Lake Ark.Riv.Nav.Sys 1.229 8.06 1.45 3.84 # Darda Dam - Ark.Riv.Nav.Sys 1.280					5.62	3.69	99'0	1.76	6.11
# Whitely Lake 18.79 12.22 2.22 8.02 # Wight Pathan Dam and Lake 17.63 11.38 1.92 6.24 # Addicks Dam 23.53 18.50 3.48 7.78 # Addicks Dam 7.21 4.73 0.85 2.25 # Balker Dam 7.21 4.73 0.85 2.25 # Balker Dam 7.21 4.73 0.85 2.25 # Balk Balker Dam 7.21 4.73 0.26 0.78 # Bull Shoals Lake 3.04 1.74 0.26 0.58 # Bull Shoals Lake 3.04 1.74 0.26 0.56 # Dardanelle Lake - Ark Riv Nav. Sys 3.04 1.74 0.78 3.04 1.79 45.94 Clearwater Lake 6.67 4.31 0.78 3.04 1.09 3.06 45.94 1.09 Dequeen Lake 1.67 1.37 3.14 1.09 3.04 1.09 Dequeen Lake 1.67 1.37 3.14 1.09 3.04			±		25.51	16.99	3.39	9.83	30.21
# Wight Patrnan Dam and Lake 17.63 11.38 1.92 6.24 # Addicks Dam 23.53 18.50 3.48 7.78 Barker Dam 7.24 7.3 0.25 0.25 Walisville Reservoir 2.48 1.63 0.29 0.778 # Beaver Lake 3.04 1.74 0.26 0.59 0.78 # Blue Muntain Lake 3.04 1.74 0.26 0.59 0.78 # Blue Muntain Lake 6.57 4.31 0.78 2.05 0.59 # Dardanelle Lake - Ark Riv Nav Sys 30.46 19.08 3.24 8.06 4.59 Dequeen Lake 6.67 4.31 0.78 3.04 7.07 3.04 7.07 Dequeen Lake 2.04 1.32 0.24 0.63 3.44 3.04 7.07 Dequeen Lake 3.04 1.32 0.24 0.51 0.51 0.53 Dequeen Lake 3.04 1.32 0.24 0.54 0.54 0.54 A Gl			#	Whitney Lake	18.79	12.22	2.22	8.02	22.45
# Addicks Dam			#	Wright Patman Dam and Lake	17.63	11.38	1.92	6.24	19.55
Barker Dam 721 473 0.85 2.25 Wallsville Roservoir 2.48 1.63 0.29 0.78 # Beaver Lake 3.87 2.501 1.53 1.73 # Bull Shoals Lake 3.04 1.74 0.26 0.58 # David Dutation Lake 9.57 4.31 0.78 2.05 # David Dutation Lake 6.57 4.31 0.78 2.05 # David Dutation Lake 0.57 4.31 0.78 2.05 Dequeen Lake 0.64 1.32 0.41 1.09 Dequeen Lake 0.64 1.32 0.41 1.09 Dequeen Lake 0.64 2.29 0.41 1.09 Action Park 0.64 1.32 0.24 0.53 Addition Lake 0.64 0.25 0.51 3.04 Aminy Lock and Dam - Ark Riv. Nav. Sys 0.65 5.24 0.61 3.07 # Minwood Lake 0.64 0.42 0.64 0.44 0.73 0.64		Galveston	#	Addicks Dam	23.53	18.50	3.48	7.78	29.75
Wallisville Reservoir 2.48 1.63 0.29 0.78 # Blue Mountain Lake 38.27 25.01 5.52 13.53 # Blue Mountain Lake 3.04 1.74 0.26 0.59 # Dardanelle Lake 6.57 4.31 0.78 2.05 # Dardanelle Lake 6.57 4.31 0.78 2.05 # Dardanelle Lake 3.046 19.08 3.24 8.06 # Dardanelle Lake 3.046 19.08 3.24 8.06 # Dequeen Lake 3.046 13.15 3.04 7.07 Dequeen Lake 3.046 13.25 0.24 0.63 Dierks Lake 3.04 1.32 0.24 0.63 Dienks Lake 3.04 1.32 0.24 0.63 John Paul Hammerschmidt Lake 1.229 8.06 1.45 3.84 # Olin Paul Hammerschmidt Lake 1.229 6.50 0.24 0.63 # Murray Lock and Dam - Ark Riv Nav. Sys 6.05 3.19 0.44 1.07 <t< td=""><th></th><td></td><td></td><td>Barker Dam</td><td>7.21</td><td>4.73</td><td>0.85</td><td>2.25</td><td>7.83</td></t<>				Barker Dam	7.21	4.73	0.85	2.25	7.83
# Beaver Lake 38.27 25.01 5.52 13.53 # Blue Mountain Lake 3.04 1.74 0.26 0.59 # Bluel Mountain Lake 6.57 4.49 11.79 45.94 Clearwater Lake 6.57 4.31 0.78 2.05 # Dardanelle Lake - Ark.Riv.Nav.Sys 19.74 13.15 3.04 7.07 # David D. Tenry Lock and Dam - Ark.Riv.Nav.Sys 19.74 13.15 3.04 7.07 Dequeen Lake 2.01 1.32 0.41 1.09 Dients Lake 2.02 1.72 0.31 0.82 Gillman Lake 2.01 1.32 0.24 0.63 John Paul Hammerschmidt Lake 8.625 55.12 9.61 1.09 # Millwood Lake 1.033 7.24 1.67 3.04 # Millwood Lake 9.66 6.36 6.30 1.10 3.04 # Nordork Lake Nordork Lake 6.05 3.49 0.2			<u> </u>	Wallisville Reservoir	2.48	1.63	0.29	0.78	2.70
Blue Mountain Lake 3.04 1.74 0.26 0.59 Bull Shoals Lake 95.87 64.49 11.79 45.94 Clearwaler Lake 0.657 4.31 0.78 2.05 David D. Terry Lock and Dam - Ark.Riv.Nav.Sys 19.74 13.15 3.24 8.06 David D. Terry Lock and Dam - Ark.Riv.Nav.Sys 19.74 13.15 0.41 1.09 Dierks Lake 2.62 1.72 0.31 0.82 Dierks Lake 2.01 1.32 0.24 0.63 Gillham Lake 2.01 1.32 0.24 0.63 Gillham Lake 2.01 1.32 0.24 0.63 John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Milwood Lake 86.25 65.12 9.61 1.45 3.84 Milwood Lake 10.08 0.24 0.63 1.10 3.00 Milmvod Lake 10.08 0.74 0.74 1.02 0.08 Norfork Lake 10.04 0.74		Little Rock	#	Beaver Lake	38.27	25.01	5.52	13.53	44.07
Bull Shoels Lake 95.87 64.49 11.79 45.94 Clearwater Lake Clearwater Lake 6.57 4.31 0.78 2.05 David D. Terry Lock and Dam - Ark.Riv.Nav.Sys 19.74 13.15 3.24 8.06 David D. Terry Lock and Dam - Ark.Riv.Nav.Sys 19.74 13.15 3.04 7.07 Dierks Lake 2.62 1.72 0.31 0.82 Gillham Lake 2.01 1.32 0.24 0.63 Greers Ferry Lake 86.25 55.12 9.61 29.74 John Paul Hammerschmidt Lake 86.25 55.12 9.61 29.74 John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Millwood Lake 9.66 6.30 1.10 3.00 Millwood Lake 10.07 0.44 1.02 Norfork Lake Norfork Lake 6.05 3.19 0.44 1.05 Norfork Lake Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 2.65 1.74 0.78 2.08 Pool 5 Lock and Dam			#	Blue Mountain Lake	3.04	1.74	0.26	0.59	2.59
Clearwater Lake 6:57 4.31 0.78 2.05 Dardanelle Lake - Ark.Riv.Nav.Sys 30.46 19.08 3.24 8.06 David D. Terry Lock and Dam - Ark.Riv.Nav.Sys 19.74 13.15 3.04 7.07 Dequeen Lake 2.62 1.72 0.31 0.82 Dierks Lake 2.62 1.72 0.31 0.82 Gillham Lake 2.01 1.32 0.24 0.63 John Paul Hammerschmidt Lake 86.25 8.06 1.45 3.84 John Paul Hammerschmidt Lake 9.66 6.30 1.10 3.00 Millwood Lake 9.66 6.30 1.10 3.00 Millwood Lake 6.05 3.19 0.44 1.02 Norfork Lake Norfork Lake 6.05 3.19 0.44 1.02 Norfork Lake Norfork Lake 6.05 4.36 0.78 2.08 Pool 3 Lock and Dam - Ark Riv.Nav.Sys 2.63 1.73 0.34 0.31 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys <td< td=""><th></th><td></td><td>#</td><td>Bull Shoals Lake</td><td>95.87</td><td>64.49</td><td>11.79</td><td>45.94</td><td>122.22</td></td<>			#	Bull Shoals Lake	95.87	64.49	11.79	45.94	122.22
Dardanelle Lake - Ark.Riv.Nav.Sys 30.46 19.08 3.24 8.06 David D. Terry Lock and Dam - Ark.Riv.Nav.Sys 19.74 13.15 3.04 7.07 Dequeen Lake 2.62 1.72 0.31 0.82 Diefris Lake 2.62 1.72 0.31 0.63 Gillnam Lake 2.01 1.32 0.24 0.63 John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Milmod Lake Milmod Lake 9.96 6.30 1.10 3.71 Nimod Lake Norfork Lake 6.05 3.19 0.44 1.02 Norfork Lake Norfork Lake 6.65 4.36 0.78 2.08 Pool S Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.34 0.34 Pool S Lock and Dam - Ark.Riv.Nav.Sys 2				Clearwater Lake	6.57	4.31	0.78	2.05	7.14
David D. Terry Lock and Dam - Ark.Riv.Nav.Sys 19,74 13,15 3.04 7.07 Dequeen Lake 3.49 2.29 0.41 1.09 Dierks Lake 2.62 1,72 0.31 0.82 Gillham Lake 2.01 1.32 0.24 0.63 Gillham Lake 2.01 1.32 0.24 0.63 John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Milwood Lake 12.29 8.06 1.45 3.00 Milwood Lake 10.93 7.24 1.67 3.71 Nimrod Lake 6.05 3.19 0.44 1.02 Norfork Lake 6.05 3.19 0.44 1.02 Norfork Lake 6.05 4.36 0.78 2.08 Pool S Lock and Dam - Ark.Riv.Nav.Sys 6.65 4.36 0.78 2.08 Pool Lock and Dam - Ark.Riv.Nav.Sys 2.61 1.91 0.34 0.91 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.76 0.01			#		30.46	19.08	3.24	8.06	30.38
Dequeen Lake 3.49 2.29 0.41 1.09 Dierks Lake 2.62 1.72 0.31 0.82 Gillham Lake 2.01 1.32 0.24 0.63 Greers Ferry Lake 86.25 55.12 9.61 29.74 John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Millwood Lake 12.29 8.06 1.10 3.00 Millwood Lake 9.96 6.30 1.10 3.00 Millwood Lake 10.93 7.24 1.67 3.71 Nimrod Lake 10.93 7.24 1.67 3.71 Norfork Lake 10.93 7.24 1.67 3.71 Norfork Lake 29.67 18.17 2.96 14.16 Norfork Lake 1.08 0.77 0.04 0.37 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.34 0.91 Table Rock Lake 77.59 51.19 0.78 0.91 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.S			#		19.74	13.15	3.04	7.07	23.26
Dierks Lake 2.62 1.72 0.31 0.82 Gillham Lake 2.01 1.32 0.24 0.63 Greers Ferry Lake 86.25 55.12 9.61 29.74 John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Millwood Lake 9.96 6.30 1.10 3.00 Millwood Lake 9.96 6.05 1.10 3.00 Milmrod Lake 0.04 1.67 3.71 Norfork Lake 10.93 7.24 1.67 3.71 Norfork Lake 29.67 18.17 2.96 14.16 Norfork Lake 1.18 0.77 0.08 0.20 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 6.65 4.36 0.78 2.08 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.34 0.91 Table Rock Lake 77.59 5.19 0.77 0.34 0.91 Table Rock Ferry Lock and Dam-Ark.Riv.Nav.Sys 2.91 4.31 0.78 0.91				Dequeen Lake	3.49	2.29	0.41	1.09	3.80
Gillham Lake 2.01 1.32 0.24 0.63 Greers Ferry Lake 86.25 55.12 9.61 29.74 John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Millwood Lake 9.96 6.30 1.10 3.00 Millmrod Lake 6.05 3.19 0.44 1.02 Norfork Lake 0.05 3.06 1.47 2.96 14.16 Norfork Lake Norfork Lake 0.05 3.79 0.44 1.02 Norfork Lake Ozark Lake - Ark.Riv.Nav.Sys 0.64 0.42 0.08 0.20 Ozark Lake - Ark.Riv.Nav.Sys 1.18 0.77 0.14 0.37 2.08 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.31 0.31 0.31 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.63 1.73 0.77 0.78 2.05 Table Rock Lake Tock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.77 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.S				Dierks Lake	2.62	1.72	0.31	0.82	2.85
Greers Ferry Lake 86.25 55.12 9.61 29.74 John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Millwood Lake 9.96 6.30 1.10 3.00 Milmray Lock and Dam - Ark.Riv.Nav.Sys 6.05 3.19 0.44 1.02 Norfork Lake Norfolk Lake 0.64 0.42 0.08 0.20 Norroll Lock and Dam - Ark.Riv.Nav.Sys 0.64 0.42 0.08 0.20 Ozark Lake - Ark.Riv.Nav.Sys 6.65 4.36 0.78 2.08 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 8.57 5.62 1.01 2.08 Pool 4 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.34 0.31 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.78 2.05 Table Rock Lake Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62				Gillham Lake	2.01	1.32	0.24	0.63	2.18
John Paul Hammerschmidt Lake 12.29 8.06 1.45 3.84 Millwood Lake 9.96 6.30 1.10 3.00 Millwood Lake 10.93 7.24 1.67 3.71 Nimrod Lake 6.05 3.19 0.44 1.02 Norrell Lock and Dam - Ark.Riv.Nav.Sys 0.64 0.42 0.08 0.20 Noral Lock and Dam - Ark.Riv.Nav.Sys 6.65 4.36 0.78 2.08 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 1.18 0.77 0.14 0.37 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.31 0.82 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 2.91 1.91 0.34 0.91 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.70 2.86.3 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.78 2.05 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62			#		86.25	55.12	9.61	29.74	94.47
Millwood Lake 9.96 6.30 1.10 3.00 Murray Lock and Dam - Ark.Riv.Nav.Sys 10.93 7.24 1.67 3.71 Nimrod Lake 6.05 3.19 0.44 1.02 Norfork Lake 1.05 29.67 18.17 2.96 14.16 Norfork Lake 1.06 0.64 0.42 0.08 0.20 Norfork Lake 29.67 4.36 0.77 0.08 0.20 Ozark Lake - Ark.Riv.Nav.Sys 6.65 4.36 0.77 0.14 0.37 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 8.57 5.62 1.01 2.68 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.34 0.31 Rockefeller Lake-Ormand L.&. D-Ark.Riv.Nav.Sys 2.91 1.91 0.34 0.91 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.78 2.05 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62				John Paul Hammerschmidt Lake	12.29	8.06	1.45	3.84	13.36
Murray Lock and Dam - Ark.Riv.Nav.Sys 10.93 7.24 1.67 3.71 Nimrod Lake 6.05 3.19 0.44 1.02 Norfork Lake 1.02 29.67 18.17 2.96 14.16 Norrell Lock and Dam - Ark.Riv.Nav.Sys 0.64 0.42 0.08 0.20 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 8.57 5.62 1.01 2.68 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.34 0.91 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62			#	Millwood Lake	96.6	6.30	1.10	3.00	10.41
Nimrod Lake 6.05 3.19 0.44 1.02 Norfork Lake Norfork Lake 29.67 18.17 2.96 14.16 Norrell Lock and Dam - Ark.Riv.Nav.Sys 0.64 0.42 0.08 0.20 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 1.18 0.77 0.14 0.37 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.34 0.91 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62			共	Murray Lock and D	10.93	7.24	1.67	3.71	12.62
Norrell Lake 29.67 18.17 2.96 14.16 Norrell Lock and Dam - Ark.Riv.Nav.Sys 0.64 0.42 0.08 0.20 Ozark Lake - Ark.Riv.Nav.Sys 6.65 4.36 0.78 2.08 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 8.57 5.62 1.01 2.68 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.31 0.82 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62			#		6.05	3.19	0.44	1.02	4.64
Norrell Lock and Dam - Ark. Riv.Nav. Sys 0.64 0.42 0.08 0.20 Ozark Lake - Ark. Riv.Nav. Sys 6.65 4.36 0.78 2.08 Pool 3 Lock and Dam - Ark. Riv. Nav. Sys 1.18 0.77 0.14 0.37 Pool 5 Lock and Dam - Ark. Riv. Nav. Sys 2.63 1.73 0.31 0.82 Rockefeller Lake-Ormand L & D-Ark. Riv. Nav. Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark. Riv. Nav. Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark. Riv. Nav. Sys 5.18 3.40 0.61 1.62			#		29.67	18.17	2.96	14.16	35.29
Ozark Lake - Ark.Riv.Nav.Sys 6.65 4.36 0.78 2.08 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 1.18 0.77 0.14 0.37 Pool 4 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.31 0.82 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62				Norrell Lock and Dam - Ark.Riv.Nav.Sys	0.64	0.42	80.0	0.20	0.70
Pool 3 Lock and Dam - Ark. Riv. Nav. Sys 1.18 0.77 0.14 0.37 Pool 4 Lock and Dam - Ark. Riv. Nav. Sys 8.57 5.62 1.01 2.68 Pool 5 Lock and Dam - Ark. Riv. Nav. Sys 2.63 1.73 0.31 0.82 Rockefeller Lake-Ormand L & D-Ark. Riv. Nav. Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark. Riv. Nav. Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark. Riv. Nav. Sys 5.18 3.40 0.61 1.62				Ozark Lake - Ark.Riv.Nav.Sys	6.65	4.36	0.78	2.08	7.22
Pool 4 Lock and Dam - Ark. Riv. Nav. Sys 8.57 5.62 1.01 2.68 Pool 5 Lock and Dam - Ark. Riv. Nav. Sys 2.63 1.73 0.31 0.82 Rockefeller Lake-Ormand L & D-Ark. Riv. Nav. Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark. Riv. Nav. Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark. Riv. Nav. Sys 5.18 3.40 0.61 1.62				Pool 3 Lock and Dam - Ark.Riv.Nav.Sys	1.18	22.0	0.14	0.37	1.28
Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 2.63 1.73 0.31 0.82 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62				Pool 4 Lock and Dam - Ark.Riv.Nav.Sys	8.57	5.62	1.01	2.68	9.31
Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 2.91 1.91 0.34 0.91 Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62				Pool 5 Lock and Dam - Ark.Riv.Nav.Sys	2.63	1.73	0.31	0.82	2.86
Table Rock Lake 77.59 51.19 10.70 28.63 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 6.57 4.31 0.78 2.05 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 5.18 3.40 0.61 1.62				Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys	2.91	1.91	0.34	0.91	3.16
6.57 4.31 0.78 2.05 5.18 3.40 0.61 1.62			#		77.59	51.19	10.70	28.63	90.53
5.18 3.40 0.61 1.62				Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys	6.57	4.31	0.78	2.05	7.14
(Sheet 13 of 15)			L	Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys	5.18	3.40	0.61	1.62	5.63
									(Sheet 13 of 15)

			Total Spending		Sales El	Sales Effects (\$MM)	
Division	District	Project	(\$MM)	Direct	Indirect	Induced	Total
SWD (cont) Tulsa	Tulsa	Arcadia Lake	3.30	2.16	0.39	1.03	3.58
		Birch Lake	1.67	1.09	0.20	0.52	1.81
		Broken Bow Lake	13.15	8.62	1.55	4.11	14.28
		# Canton Lake	13.37	7.95	1.41	2.58	11.94
		Chouteau Lock and Dam 17	2.53	1.66	0:30	0.79	2.75
		Copan Lake	1.03	0.68	0.12	0.32	1.12
		Council Grove	4.85	3.18	0.57	1.52	5.27
		El Dorado Lake	66'6	6.55	1.18	3.12	10.86
		Elk City Lake	1.90	1.25	0.22	0.59	2.07
		# Eufaula Lake	31.89	21.35	4.15	9.11	34.60
		Fall River Lake	2.03	1.33	0.24	0.63	2.20
		# Fort Gibson Lake	34.37	24.92	3.36	11.73	40.01
		Fort Supply Lake	3.54	2:32	0.42	1.11	3.85
		Great Salt Plains	4.19	2.75	0.49	1.31	4.55
		Heyburn Lake	1.85	1.22	0.22	0.58	2.01
		Hugo Lake	4.84	3.18	0.57	1.51	5.26
		Hulah Lake	1.54	1.01	0.18	0.48	1.67
		John Redmond Reservoir	2.84	1.87	0.34	68.0	3.09
		Kaw Lake	2.44	1.60	0.29	92.0	2.65
		# Keystone Lake	19.21	15.12	3.26	7.10	25.49
		Marion Reservoir	6.78	4.44	0.80	2.12	7.36
		Newt Graham Lock and Dam 18	2.65	1.74	0.31	0.83	2.88
		# Oologah Lake	17.83	14.02	3.10	6.53	23.64
		Optima Lake	0.45	0:30	0.05	0.14	0.49
		Pat Mayse Lake	4.06	2.66	0.48	1.27	4.41
		Pearson-Skubitz Big Hill Lake	2.52	1.65	0.30	0.79	2.74
		Pine Creek Lake	3.15	2.06	0.37	0.98	3.42
		Robert S. Kerr, Lock and Dam 15	12.39	8.13	1.46	3.87	13.47
		Sardis Lake	4.20	2.76	0.50	1.31	4.56
		Skiatook Lake	8.34	5.47	0.98	2.61	90.6
		# Tenkiller Ferry Lake	17.79	11.17	2.47	5.68	19.31
		# Texoma Lake	92.86	66.07	12.33	37.90	121.22
					•		

	Total Spending		Sales Eff	Sales Effects (\$MM)	
	(\$MM)	Direct	Indirect	Induced	Total
Toronto Lake	2.21	1.45	0.26	69:0	2.40
Truscott Brine Lake, Area VIII	0.11	0.07	0.01	0.03	0.12
Waurika Lake	7.07	4.64	0.83	2.21	7.68
Wd Mayo Lock and Dam 14	1.54	1.01	0.18	0.48	1.67
Webbers Falls Lock and Dam 16	6.97	4.57	0.82	2.18	7.58
	5.95	3.90	0.70	1.86	6.46
	5,962	3,912	902	1,864	6,481
	13.07	8.58	1.55	4.09	14.21
					(Sheet 15 of 15)
(ar	ck and Dam 16	and Dam 16 5,96	and Dam 16 6.97 6.95 7.95 7.91 7.90 7.90 7.90 7.90 7.90 7.90 7.90 7.90	and Dam 16 6.97 4.57 and Dam 16 6.97 4.57 5.95 3.90 70 13.07 8.58	and Dam 16 6.97 4.57 0.18 and Dam 16 6.97 4.57 0.82 5.95 3.90 0.70 5.962 3.912 706 1.86 1.307 8.58 1.55

Table E3	3 I Economic Imp	Table E3 Regional Economic Impacts for All CE Projects: Income ¹ (Continued)				
C				Income Effects (\$MM)		
Division	District	Project	Direct	Indirect	Induced	Total
LRD	Detroit	Duluth-Superior Harbor	4.76	98.0	2.41	8.03
		Keweenaw Waterway	0.82	0.15	0.41	1.38
		St. Marys River	2.73	0:50	1.38	4.60
		Sturgeon Bay and Lake Michigan Ship Canal	90.0	0.01	0.03	0.10
	Huntinaton	# Alum Creek Lake	12.15	2.19	7.41	21.75
)	Atwood Lake	6.52	1.18	3.30	11.00
		Beach City Lake	0.24	0.04	0.12	0.41
		Beech Fork Lake	3.93	0.71	1.99	6.63
		Belleville Locks and Dam <ohio r=""></ohio>	4.76	0.94	1.99	7.68
		# Bluestone Lake	7.18	1.30	3.63	12.11
		Bolivar Dam	0.98	0.18	0.50	1.66
		Burnsville Lake	2.54	0.46	1.28	4.29
		Capt Anthony Meldahl Locks and Dam <ohio r=""></ohio>	3.66	0.67	1.85	6.18
		Charles Mill Lake	4.28	0.78	2.16	7.22
		Clendening Lake	0.98	0.18	0.50	1.65
		# Deer Creek Lake	18.05	3.28	9.13	30.46
		Delaware Lake	4.17	0.76	2.11	7.03
		Dewey Lake	3.79	0.64	2.58	7.01
		Dillon Lake	6.45	1.17	3.26	10.88
		Dover Dam	0.89	0.16	0.45	1.51
*		East Lynn Lake	1.59	0.29	08.0	2.68
		Fishtrap Lake	4.46	0.86	1.73	7.05
		Grayson Lake	3.14	0.57	1.59	5.30
	<u> </u>	Greenup Locks and Dam <ohio r=""></ohio>	10.05	1.83	5.08	16.95
		John W Flannagan Dam and Reservoir	2.01	0.36	1.01	3.39
		Leesville Lake	0.92	0.17	0.47	1.56
		London Locks and Dam <kanawha river=""></kanawha>	0.00	0.00	0.00	0.01
)	(Sheet 1 of 15)

property income.

Notes: LRD = Great Lakes and Ohio River; MVD = Mississippi Valley; NAD = North Atlantic; NWD = Northwestern; POD = Pacific Ocean; SAD = South Atlantic; SPD = South Pacific; SWD = Southwestern.

1. Projects where surveys were conducted to create the spending profiles for this study.

2. Projects where the IMPLAN economic impact models have been built (Becker 1997). Impacts on counties within 30 miles of CE projects of visitor trip spending within 30 miles of the projects. Income includes employee compensation and proprietor and other

Project Project Indicate (SAM) Income Efficient (SAM) Income	Table E3	Table E3 (Continued)					
Huntington (conf) Project Indirect Indirect Indirect Huntington (conf) Mohrawk Dam 0.30 0.05 0.01 0.01 Mohrawk Dam Mohrawk Dam 0.06 0.01 0.03 0.01 Mohrawk Dam Mohrawk Dam 0.06 0.01 0.03 0.04 Mohrawk Dam North Fork of Pound River Lake 0.60 0.11 0.03 0.04 Paint Creek Lake Paint Creek Lake 0.60 0.11 0.75 2.08 Paint Creek Lake Perint Creek Lake 0.67 0.14 0.75 1.49 Robal Creek Lake R Dalley Lake 0.67 0.67 0.67 0.67 R Robal Creek Lake R Sanne Locks and Dam «Chio R» 0.68 0.17 0.60 0.71 R Sanne Locks and Dam Achio R» 0.68 0.70 0.20 0.72 0.72 R Sanne Locks and Dam Achio R» 0.74 0.74 0.74 0.74 0.74 A Summersiville Lake Summersiville Lake 0.74 0.74		i			Income Ef	fects (\$MM)	
Huntinglorn (cont) Mothank Locks and Dam «Kanawha River» 0.30 0.05 0.05 0.05 0.05 0.05 0.05 0.05	Division	District	Project	Direct	Indirect	Induced	Total
Mohlawk Dam 120 0.22 0.61 Mohlawk Dam 0.06 0.01 0.03 Mohlawin Lake 0.88 0.16 0.41 North Fork of Pound River Lake 0.60 0.11 0.51 Paint Creek Lake 0.60 0.11 0.54 Paint Creek Lake 0.88 0.71 1.06 Piedmont Lake 0.88 0.71 1.04 Peants Ville Lake 0.88 0.71 1.04 Robail Crocks and Dam «Chilo R> 0.89 0.12 0.24 Racine Locks and Dam «Chilo R> 0.89 0.12 0.20 # Sunnersville Lake 5.80 0.70 0.20 # Sunnersville Lake 5.80 0.71 0.20 Tappan Lake 4.71 0.86 2.38 Tappan Lake 5.80 0.70 0.71 Williow Island Locks and Dam «Chilo R> 1.48 0.74 0.03 Williow Island Locks and Dam «Chilo Ryer> 1.65 0.74 0.03 Willow Island Barren River Lake	LRD (cont)	Huntington (cont)	Dam	0.30	0.05	0.15	0.51
Morth Earwille Dam 0.06 0.01 0.03 North Fork of Pound River Lake 0.68 0.16 0.45 Paint Creek Lake 0.69 0.71 0.31 Paint Creek Lake 3.88 0.71 1.96 Pleasant Hill Lake 0.68 0.16 0.44 Pleasant Hill Lake 2.96 0.54 1.49 Robert C. Byd Locks and Dam <0hio R> 0.69 0.12 0.20 # Summerswille Lake 2.96 0.77 0.20 # Summerswille Lake 4.71 0.86 2.38 Tappan Lake 5.80 0.07 0.70 Willow Island Locks and Dam <0hio R> 1.43 0.26 0.72 Willow Island Locks and Dam <0hio R> 1.43 0.26 0.72 Willow Island Locks and Dam <0hio R> 1.43 0.26 0.72 Willow Island Locks and Dam <0hio R> 1.43 0.26 0.72 Willow Island Lock and Dam <0hio R> 1.43 0.26 0.70 Willow Island Lock and Dam <0hio R> 1.65 0.36			Mohawk Dam	1.20	0.22	0.61	2.03
North Branch Kokesing River Lake 0.88 0.16 0.45 North Port of Pound River Lake 0.60 0.11 0.73 Paint Creek Lake 0.71 0.75 2.08 Paint Creek Lake 0.71 0.75 2.08 Radieu Locks and Dam «Chilo R> 0.88 0.71 1.85 Radieu Locks and Dam «Chilo R> 0.89 0.12 0.34 Radieu Locks and Dam «Chilo R> 0.89 0.12 0.34 Radieu Lake 0.70 0.20 0.89 0.12 0.34 Radieu Lake 0.70 0.20 0.70 0.20 # Semecaville Lake 0.70 0.20 0.70 0.20 # Sutton Lake 0.70 0.70 0.20 0.70 0.70 Willow Island Locks and Dam «Chilo R> 0.70 0.26 0.70 1.95 Tappan Lake 0.70 0.26 0.70 1.95 Willow Island Locks and Dam «Chilo R> 0.14 0.00 0.70 0.70 Willow Island Locks and Dam «Chilo R> 0.14 0.00 0.70 0.70 Willow Island Locks and Dam «Chilo R> 0.14 0.00 0.70 0.70 Willow Island Locks and Dam «Chilo R> 0.14 0.00 0.36 0.70 1.95 Willow Island Locks and Dam «Chilo R> 0.14 0.00 0.36 0.70 1.95 Willow Island Locks and Dam «Chilo R> 0.14 0.00 0.36 0.70 1.95 Willow Island Locks and Dam «Chilo Ry» 0.36 0.36 0.36 0.70 0.70 Willow Island Locks and Dam «Chilo Ry» 0.36 0.36 0.36 Caeles Mill Lake 0.00 0.36 0.36 0.70 0.36 Caeles Mill Lake 0.00 0.30 0.30 0.70 Carr Creek Lake 0.00 0.30 0.30 0.70 Carr Creek Lake 0.00 0.30 0.30 0.30 Carr Creek Lake 0.00 0.30 0.30 0.30 Caeve Run Lake 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3			Mohicanville Dam	90.0	0.01	0.03	0.10
North Fork of Pound River Lake 0.60 0.11 0.31 Paint Fork of Pound River Lake 3.88 0.71 1.06 Paintswille Lake 0.88 0.16 0.44 Pedmont Lake 0.88 0.16 0.45 Pedmont Lake 0.89 0.15 0.54 Robert C. Byrd Locks and Dam <chio r=""> 0.39 0.07 0.20 # Senecaville Lake 4.71 0.86 2.93 # Senecaville Lake 4.71 0.86 2.93 Sutton Lake 2.58 0.70 0.20 Tom Jenkins Dam and Burr Cak Lake 2.25 0.41 1.14 Willow Lake 2.26 0.71 1.14 Willow Lake 0.14 0.03 0.07 Willow Lake 0.14 0.03 0.07 Willow Lake 0.55 1.59 3.87 Buckfrom Lake 0.55 1.50 0.75 Buckfrom Lake 0.63 0.04 0.10 Caesear Creek Lake 6.63 1.20 0.04<td></td><td></td><td>North Branch Kokosing River Lake</td><td>0.88</td><td>0.16</td><td>0.45</td><td>1.49</td></chio>			North Branch Kokosing River Lake	0.88	0.16	0.45	1.49
Paint Creek Lake 4,11 0.75 2.08 Paint Swille Lake 3.88 0.71 1.36 Pedrimont Lake 3.88 0.71 1.36 Robine Locks and Dam «Chio R» 0.88 0.16 0.44 Reacine Locks and Dam «Chio R» 0.68 0.12 0.34 Robert C. Byrd Locks and Dam «Chio R» 0.68 0.12 0.34 # Summersville Lake 4.71 0.86 2.83 # Summersville Lake 2.55 0.48 1.34 Sutton Lake 2.55 0.43 1.34 Willis Creek Lake 3.85 0.70 1.35 Willis Creek Lake 5.00 0.41 1.14 Willis Creek Lake 5.00 0.36 0.71 Buckfrom Lake 5.00 0.35 1.00 Will Cake Lake 5.00 0.35 0.71 Buckfrom Lake 5.00 0.35 0.71 Buckfrom Lake 5.00 0.63 0.71 Carr Creek Lake 1.41 0.25 0			North Fork of Pound River Lake	09.0	0.11	0.31	1.02
Paintsville Lake 3.88 0.71 1.96 Pledmont Lake 0.68 0.15 0.44 Pleasant Hill Lake 0.68 0.67 1.85 R D Bailey Lake 0.68 0.17 0.20 R Soncaville Lake 0.39 0.07 0.20 R Soncaville Lake 0.39 0.07 0.20 Summersville Lake 0.70 0.86 0.70 0.20 Summersville Lake 0.70 0.86 0.70 0.70 Tappan Lake 0.70 0.70 0.70 0.70 Willow Island Locks and Dam <0hio R> 0.74 0.70 0.70 0.70 Willow Island Locks and Dam <0hio R> 0.74 0.70 0.70 0.70 Willow Island Locks and Dam <0hio R> 0.70 0.70 0.70 0.70 Willow Island Locks and Dam <0hio R> 0.70 0.70 0.70 0.70 Willow Island Lock and Dam <0hio R> 0.70 0.70 0.70 0.70 Willow Island Lock and Dam <0hio R> 0.70 0.70 0.70 0.70 Will Caek Lake 0.70 0.70 0.70 0.70 0.70 Buckhom Lake 0.70 0.70 0.70 0.70 0.70 0.70 0.70 Buckhom Lake 0.70 0.			Paint Creek Lake	4.11	0.75	2.08	6.93
Piedmont Lake 0.88 0.16 0.44 Piesaant Hill Lake 2.96 0.54 1.45 Racine Locks and Dam <ohio r=""> 0.58 0.12 0.24 Racine Locks and Dam <ohio r=""> 0.39 0.07 0.20 Racine Locks and Dam <ohio r=""> 0.39 0.07 0.20 Sutton Lake 2.86 0.48 2.38 Sutton Lake 2.85 0.48 2.38 Sutton Lake 2.86 0.41 1.44 0.07 Williow Island Locks and Dam <ohio r=""> 1.43 0.26 0.72 Williow Island Locks and Dam <ohio r=""> 1.43 0.26 0.72 Williow Island Locks and Dam <ohio r=""> 1.43 0.26 0.72 Williow Island Lock and Dam <anama +="" 0.04="" 0.10="" 0.19="" 0.20="" 0.25="" 0.26="" 0.41="" 0.42="" 0.69="" 0.71="" 0.86="" 0.87="" 0.93="" 1.14="" 1.17="" 1.61="" 2.26="" 2.30="" 2.31="" 2.38="" 2.39="" 2.71="" 4.71="" 5.12="" <anama="" and="" brown="" caesar="" calarence="" cannellon="" carr="" cave="" clarence="" creek="" dam="" island="" j="" lake="" lock="" ohio="" reservoir="" river="" run="" td="" williow="" ="" <=""><td></td><td></td><td>Paintsville Lake</td><td>3.88</td><td>0.71</td><td>1.96</td><td>6.55</td></anama></ohio></ohio></ohio></ohio></ohio></ohio>			Paintsville Lake	3.88	0.71	1.96	6.55
Robert C. Byrd Locks and Dam District Left; # Summersville Lake # Summersville Lake Sutton Lake 2.85 0.48 1.34 1.34 Summersville Lake 2.26 0.48 1.34 1.34 Tappan Lake 2.26 0.41 1.14 1.14 1.14 Williow Island Locks and Dam District Lake 0.70 0.70 1.95 1.35 Williow Island Locks and Dam District Lake 0.74 0.70 0.70 0.70 Williow Island Locks and Dam Align: left; l			Piedmont Lake	0.88	0.16	0.44	1.48
R D Bailey Lake 2.96 0.54 1.49 Ractine Locks and Dam <chio r=""> 0.68 0.12 0.34 Robert C. Byrd Locks and Dam <chio r=""> 0.39 0.07 0.20 # Summersville Lake 5.80 1.05 2.93 # Summersville Lake 2.65 0.48 2.93 Jutton Lake 2.26 0.70 1.36 Tom Jenkins Dam and Burr Oak Lake 2.26 0.70 1.36 Villow Island Locks and Dam <chio r=""> 1.43 0.26 0.77 Willow Island Locks and Dam <kanawha river<="" th=""> 1.89 0.36 1.07 Willied Lock and Dam <kanawha river<="" th=""> 1.61 0.14 0.07 0.77 Willied Lock and Dam <kanawha river<="" th=""> 7.65 1.39 0.36 1.00 Winfield Lock and Dam <kanawha river<="" th=""> 6.20 0.63 0.71 0.72 Brookville Lake 6.20 0.63 1.20 0.85 0.70 Brookville Lake Caesas Creek Lake 6.63 1.20 0.04 0.10 Carr Creek Lake Car</kanawha></kanawha></kanawha></kanawha></chio></chio></chio>			Pleasant Hill Lake	3.67	0.67	1.85	6.18
Racine Locks and Dam < Ohio R> 0.68 0.12 0.34 Robert C. Byrd Locks and Dam < Ohio R> 6.39 0.07 0.20 # Summersville Lake 5.80 1.05 2.93 # Summersville Lake 4.71 0.86 2.38 Sultron Lake 2.65 0.48 1.34 Tappan Lake 2.26 0.41 1.14 Willow Island Locks and Dam < Ohio R> 1.43 0.26 0.72 Willow Island Locks and Dam < Chio R> 1.43 0.26 0.72 Willow Island Locks and Dam < Chio R> 1.43 0.26 0.72 Willis Creek Lake 0.14 0.03 0.07 1.00 Yatesville Lake 7.65 1.39 3.87 1.39 3.87 Brockville Lake 5.20 0.63 2.31 0.26 0.70 0.10 Caesar Creek Lake 6.63 1.20 3.35 0.26 0.69 0.70 Caesar Creek Lake 6.63 1.20 0.04 0.10 0.04 0.10				2.96	0.54	1.49	4.99
# Senecaville Lake 0.39 0.07 0.20 # Senecaville Lake 5.80 1.05 2.93 # Summarsville Lake 4.71 0.86 2.93 # Summarsville Lake 2.65 0.48 1.34 Tappan Lake 2.26 0.41 1.13 Tom Jenkins Dam and Burr Oak Lake 2.26 0.41 1.13 Willow Island Locks and Dam <ohio r=""> 1.43 0.26 0.72 Williow Island Lock and Dam <kanawha river=""> 0.14 0.03 0.07 Williow Island Lock and Dam <kanawha river<="" th=""> 1.61 0.03 0.07 Williow Island Lock and Dam <kanawha river<="" th=""> 1.61 0.03 0.07 Buckhorn Lake 5.20 0.63 2.31 Buckhorn Lake 6.63 1.20 3.35 Can Creek Lake Car Creek Lake 0.04 0.10 Car Creek Lake 2.31 0.25 0.04 0.10 Car Creek Lake 2.31 0.25 0.04 0.10 Car Creek Lake 2.31 0.25 <th< td=""><td></td><td></td><td>Racine Locks and Dam <ohio r=""></ohio></td><td>0.68</td><td>0.12</td><td>0.34</td><td>1.15</td></th<></kanawha></kanawha></kanawha></ohio>			Racine Locks and Dam <ohio r=""></ohio>	0.68	0.12	0.34	1.15
# Senecaville Lake 5.80 1.05 2.93 # Summersville Lake 4.71 0.86 2.38 Sutton Lake 2.65 0.48 1.34 Tappan Lake 3.85 0.70 1.95 Tom Jenkins Dam and Burr Oak Lake 2.26 0.71 1.14 Wills Creek Lake 0.14 0.03 0.07 Winfleid Lock and Dam -Kanawha River> 1.99 0.36 0.07 Winfleid Lock and Dam -Kanawha River> 1.61 0.19 0.87 Winfleid Lock and Dam -Kanawha River> 1.69 0.36 1.00 Yatesville Lake 5.20 0.63 2.31 Brookville Lake 5.20 0.63 2.31 Brokhorn Lake 6.33 1.20 3.35 Casear Creek Lake 6.63 1.20 3.35 Cane Run Lake 6.20 0.04 0.10 Cave Run Lake 0.25 0.04 0.10 # Cecil M. Harden Lake 7.27 1.32 3.68 Clarence S Brown Dam and Reservoir			Robert C. Byrd Locks and Dam <ohio r=""></ohio>	0.39	0.07	0.20	99.0
# Summersville Lake 4.71 0.86 2.38 Sutton Lake 2.65 0.48 1.34 Tappan Lake 3.85 0.70 1.95 Tom Jankins Dam and Burr Oak Lake 2.26 0.70 1.14 Willow Island Locks and Dam <chino r=""> 1.43 0.26 0.77 Willseld Lock and Dam <kanawha river=""> 0.14 0.03 0.07 Willield Lake 1.61 0.19 0.36 1.00 Yatesville Lake 7.65 1.39 3.87 Brookville Lake 7.65 1.39 3.87 Brookville Lake 6.63 1.20 0.63 Caesar Creek Lake 6.63 1.20 3.35 Caesar Creek Lake 6.63 1.20 3.35 Cannelton Lock and Dam + Ohio River 2.31 0.25 0.69 Cave Run Lake 7.27 1.32 3.68 Cave Run Lake 7.27 1.32 3.68 Clarence Lake 7.27 0.63 2.59 Clarence Brown Dam and Reservoir</kanawha></chino>				5.80	1.05	2.93	9.78
Sutton Lake 2.65 0.48 1.34 Tappan Lake 3.85 0.70 1.95 Tom Jenkins Dam and Burr Oak Lake 2.26 0.41 1.14 Williow Island Locks and Dam Chilo R>> 1.43 0.26 0.72 Willied Lock and Dam Chilo Rome 1.99 0.36 1.00 Willied Lock and Dam Channel Rome 1.61 0.19 0.37 0.07 Willied Lock and Dam Artesville Lake 1.61 0.19 0.36 1.00 Brook/lile Lake Encok/lile Lake 6.63 1.39 3.87 1.39 3.87 Buckhorn Lake Caaples Mill Lake 6.63 1.20 0.63 2.31 Cagles Mill Lake Caaples Mill Lake 0.25 0.04 0.10 Carr Creek Lake Carr Creek Lake 2.31 0.25 0.69 Carr Creek Lake 2.34 0.57 1.59 Carr Creek Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.63				4.71	0.86	2.38	7.95
Tappan Lake 3.85 0.70 1.95 Tom Jenkins Dam and Burr Oak Lake 2.26 0.41 1.14 Willow Island Locks and Dam <chio r=""> 1.43 0.26 0.72 Willied Lock and Dam <kanawha river=""> 0.14 0.03 0.07 Winfield Lock and Dam <kanawha river=""> 1.99 0.36 1.00 Yatesville Lake 1.61 0.19 0.87 Brookville Lake 7.65 1.39 3.87 Brookville Lake 6.63 2.31 Buckhorn Lake 1.41 0.26 0.71 Cages Creek Lake 6.63 1.20 3.35 Cagnelton Lock and Dam + Ohio River 0.20 0.04 0.10 Care Creek Lake 2.31 0.25 0.69 Care Run Lake 2.31 0.57 1.59 Cave Run Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59</kanawha></kanawha></chio>			Sutton Lake	2.65	0.48	1.34	4.47
Tom Jenkins Dam and Burr Oak Lake 2.26 0.41 1.14 Willow Island Locks and Dam <chio r=""> 1.43 0.26 0.72 Wills Creek Lake 0.14 0.03 0.07 Winfield Lock and Dam <kanawha river=""> 1.99 0.36 1.00 Yatesville Lake 1.61 0.19 0.87 Brookville Lake 7.65 1.39 3.87 Buckhorn Lake 5.20 0.63 2.31 Caesar Creek Lake 6.63 1.20 3.35 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 # Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59</kanawha></chio>			Tappan Lake	3.85	0.70	1.95	6.49
Willow Island Locks and Dam <ohio r=""> 1.43 0.26 0.72 Wills Creek Lake 0.14 0.03 0.07 Winfield Lock and Dam <kanawha river=""> 1.99 0.36 1.00 Yatesville Lake 1.61 0.19 0.87 Brookville Lake 7.65 1.39 3.87 Brookville Lake 5.20 0.63 2.31 Buckhorn Lake 1.41 0.26 0.71 Caesar Creek Lake 6.63 1.20 3.35 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 2.31 0.42 1.59 Cave Run Lake 7.27 1.32 3.68 Cave Run Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59</kanawha></ohio>				2.26	0.41	1.14	3.81
Wills Creek Lake 0.14 0.03 0.07 Winfield Lock and Dam 1.99 0.36 1.00 Yatesville Lake 1.61 0.19 0.87 Brookville Lake 7.65 1.39 3.87 Buckhorn Lake 6.63 2.31 2.31 Capies Mill Lake 6.63 1.20 3.35 Capies Mill Lake 1.37 0.25 0.69 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Care Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 Cave Run Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59			Willow Island Locks and Dam <ohio r=""></ohio>	1.43	0.26	0.72	2.41
Winfield Lock and Dam <kanawha river=""> 1.99 0.36 1.00 Yatesville Lake 1.61 0.19 0.87 Brookville Lake 5.20 0.63 2.31 Buckhorn Lake 1.41 0.26 0.71 Caesar Creek Lake 6.63 1.20 3.35 Cagles Mill Lake 1.37 0.25 0.69 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.65 1.17 # Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59</kanawha>			Wills Creek Lake	0.14	0.03	0.07	0.24
Yatesville Lake 1.61 0.19 0.87 ## Barren River Lake 7.65 1.39 3.87 Brookville Lake 5.20 0.63 2.31 Buckhorn Lake 0.26 0.71 Cagles Mill Lake 6.63 1.20 3.35 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 # Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59				1.99	0.36	1.00	3.35
## Barren River Lake 7.65 1.39 3.87 Brookville Lake 5.20 0.63 2.31 Buckhorn Lake 1.41 0.26 0.71 Cagles Mill Lake 1.37 0.25 0.69 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 # Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59			Yatesville Lake	1.61	0.19	0.87	2.67
Brookville Lake 5.20 0.63 2.31 Buckhorn Lake 1.41 0.26 0.71 Caesar Creek Lake 6.63 1.20 3.35 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59		Louisville		7.65	1.39	3.87	12.90
Buckhorn Lake 1.41 0.26 0.71 Caesar Creek Lake 6.63 1.20 3.35 Cagles Mill Lake 1.37 0.25 0.69 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59			Brookville Lake	5.20	0.63	2.31	8.13
Caesar Creek Lake 6.63 1.20 3.35 Cagles Mill Lake 1.37 0.25 0.69 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59			Buckhorn Lake	1.41	0.26	0.71	2.39
Cagles Mill Lake 1.37 0.25 0.69 Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59			Caesar Creek Lake	6.63	1.20	3.35	11.18
Cannelton Lock and Dam + Ohio River 0.20 0.04 0.10 Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59		•	Cagles Mill Lake	1.37	0.25	69:0	2.31
Carr Creek Lake 3.14 0.57 1.59 Cave Run Lake 2.31 0.42 1.17 Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59			Cannelton Lock and Dam + Ohio River	0.20	0.04	0.10	0.34
Cave Run Lake 2.31 0.42 1.17 Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59			Carr Creek Lake	3.14	0.57	1.59	5.30
Cecil M. Harden Lake 7.27 1.32 3.68 Clarence J Brown Dam and Reservoir 4.71 0.86 2.38 Green River Lake 5.12 0.93 2.59			Cave Run Lake	2.31	0.42	1.17	3.89
Dam and Reservoir 4.71 0.86 2.38 5.12 0.93 2.59				7.27	1.32	3.68	12.27
5.12 0.93 2.59				4.71	0.86	2.38	7.95
(Sheet 2 of 15)			Green River Lake	5.12	0.93	2.59	8.64
							(Sheet 2 of 15)

Table E3	Table E3 (Continued)					
				Income Effects (\$MM)	ts (\$MM)	
Division	District	Project	Direct	Indirect	Induced	Total
LRD (cont)	Louisville (cont)	Greenriver + 2 Locks	0.12	0.02	90.0	0.21
•		J. Edward Roush Lake	2.15	0.39	1.09	3.62
		John T. Myers Lock and Dam	0.84	0.15	0.43	1.43
		Kentucky River + 4 Locks	0.61	0.11	0.31	1.03
		Lock & Dam 52 + Ohio River	0.16	0.03	0.08	0.27
		Lock & Dam 53 + Ohio River	0.04	0.01	0.02	90.0
		Markland Lock and Dam + Ohio River	1.79	0.42	0.94	3.15
		Mcalpine Lock and Dam + Ohio River	1.15	0.21	0.58	1.94
		Mississinewa Lake	4.71	0.85	2.38	7.94
		# Monroe Lake	6.48	1.18	3.28	10.93
		Newburgh Lock and Dam +Ohio River	2.27	0.34	1.03	3.64
		i# Nolin River Lake	10.72	1.95	5.42	18.08
-5.2		Patoka Lake	5.92	1.08	2.99	66.6
		# Rough River Lake	10.06	1.83	5.09	16.98
		Salamonie Lake	38.21	6.21	15.86	60.28
		Smithland Lock and Dam +Ohio River	0.10	0.02	0.05	0.16
		Taylorsville Lake	5.18	96.0	2.24	8.37
		West Fork Of Mill Creek Lake	3.53	0.59	1.51	5.63
		# William H Harsha Lake	5.55	1.01	2.80	9:36
	Nashville	i# Barkley Lock and Dam Lake Barkley	20.52	3.73	10.37	34.62
		i# Center Hill Lake	20.27	3.68	10.24	34.19
		# Cheatham Lock and Dam	12.06	2.19	60.9	20.34
		# Cordell Hull Dam and Reservoir	16.56	3.01	8.37	27.93
		# Dale Hollow Lake	19.54	3.55	9.88	32.97
		# J Percy Priest Dam and Reservoir	30.78	6.62	19.99	57.39
		# Laurel River Lake	1.11	0.17	0.52	1.81
		Martins Fork Lake	0.87	0.21	0.51	1.59
***		! Old Hickory Lock and Dam	55.08	8.51	25.13	88.71
		# Wolf Creek Dam Lake Cumberland	26.96	3.92	10.70	41.59
	Pittsburgh	Berlin Lake	3.06	0.76	1.97	5.79
		Conemaugh River Lake	0.50	0.08	0.26	0.83
		Crooked Creek Lake	1.68	0:30	0.85	2.83
						(Sheet 3 of 15)

Table E3	Table E3 (Continued)					
Division	ار امانان	400,000		Income Effects (\$MM)	cts (\$MM)	
DIVISION	DISTRICT	Project	Direct	Indirect	Induced	Total
LRD (cont)	LRD (cont) Pittsburgh (cont)	Dashields Locks and Dam <ohio river=""></ohio>	0.13	0.02	0.07	0.23
		East Branch Clarion River Lake	1.23	0.22	0.62	2.07
		Emsworth Locks and Dams <ohio river=""></ohio>	0.46	0.08	0.23	0.78
		Gray's Landing Locks and Dam	0.03	0.00	0.01	0.05
		Hannibal Locks and Dam <ohio river=""></ohio>	0.14	0.02	90:0	0.22
		Hildebrand Lock and Dam <monongahela river=""></monongahela>	0.04	0.01	0.02	0.07
			1.90	0.35	96.0	3.21
			0.27	0.05	0.13	0.45
	-		60.0	0.02	0.05	0.16
		Lock and Dam 4 <allegheny river=""></allegheny>	0.11	0.02	0.05	0.18
		Lock and Dam 5 <allegheny river=""></allegheny>	90.0	0.01	0.03	0.10
			0.04	0.01	0.02	0.07
			0.05	0.01	0.03	60.0
	-	Lock and Dam 8 <allegheny river=""></allegheny>	0.05	0.01	0.02	0.08
		Lock and Dam 9 <allegheny river=""></allegheny>	0.05	0.01	0.02	0.08
			0.07	0.01	0.04	0.12
			0.03	0.00	0.01	0.04
		Locks and Dam 4 <monongahela river=""></monongahela>	0.03	00.00	0.01	0.04
		Loyalhanna Lake	1.15	0.21	0.58	1.95
		Mahoning Creek Lake	0:30	0.05	0.15	0.51
		Maxwell Locks and Dam <monongahela river=""></monongahela>	90.0	0.01	0.03	0.11
		Michael J Kirwan Dam and Reservoir	1.38	0.27	0.98	2.63
		Montgomery Locks and Dam <ohio river=""></ohio>	0.13	0.02	20.0	0.22
		Morgantown Lock and Dam <monongahela river=""></monongahela>	0.01	0.00	0.01	0.02
		Mosquito Creek Lake	6.24	1.13	3.15	10.53
		New Cumberland Locks and Dam <ohio river=""></ohio>	0.22	0.04	0.11	0.37
		Opekiska Lock and Dam <monongahela river=""></monongahela>	0.01	0.00	0.00	0.02
		Pike Island Locks and Dam <ohio river=""></ohio>	0.16	0.03	90.08	0.27
			0.01	0.00	00.00	0.02
		# Shenango River Lake	3.73	0.68	1.88	6.29
		Stonewall Jackson Lake	2.15	0.39	1.09	3.63
		Tionesta Lake	2.16	0.39	1.09	3.64
						(Sheet 4 of 15)

Table E3	Table E3 (Continued)					
				Income Effects (\$MM)	ts (\$MM)	
Division	District	Project	Direct	Indirect	Induced	Total
LRD (cont)	Pittsburgh (cont)	Tygart Lake	2.63	0.48	1.33	4.43
		Union City Dam	0.18	0.03	60'0	0:30
		Woodcock Creek Lake	2.03	0.37	1.03	3.43
		Youghiogheny River Lake	3.47	0.63	1.75	5.85
Mvd	Rock Island	Coralville Lake	7.27	1.32	3.68	12.27
		Farmdale Dam	0.18	0.03	60.0	0.31
		Illinois Waterway	0.56	0.10	0.29	0.95
		Lake Red Rock	7.04	1.28	3.56	11.88
		Mississippi River Pools 11-22 (10 L&D)	74.02	13.45	37.41	124.87
		i# Saylorville Lake	5.98	1.24	3.43	10.65
	St. Louis	# Carlyle Lake	12.75	1.83	5.42	20.00
		# Clarence Cannon Dam and Mark Twain Lake	99.6	1.98	5.37	17.00
	٠	# Lake Shelbyville	12.13	2.12	4.71	18.96
		# Rend Lake	12.71	1.99	4.98	19.68
		Rivers Project - Illinois River	3.20	0.58	1.62	5.40
		Rivers Project - Lower River	2.45	0.45	1.24	4.14
		Rivers Project - Upper River	18.10	3.29	9.15	30.54
		# Wappapello Lake	10.48	1.71	5.48	17.67
	St. Paul	Baldhill Dam Lake Ashtabula	0.74	0.15	0.53	1.42
		Eau Galle Flood Control Project	99'0	0.12	0.33	1.11
		Homme Lake	0.34	60.0	0.19	0.62
		Lac Qui Parle Lake	0.22	0.04	0.11	0.37
		Lake Traverse	0.73	0.13	0.37	1.24
		Mississippi River Headwaters Lakes Project	10.23	2.02	69.9	18.93
		Mississippi River Pool U+L St Anthony Falls	0.39	0.07	0.20	0.65
		Mississippi River Pool No 1	0:20	60:0	0.25	0.84
		Mississippi River Pool No 2	3.19	0.75	1.75	5.70
		Mississippi River Pool No 3	4.60	98.0	2.76	8.22
		Mississippi River Pool No 4	9.62	2.13	7.20	18.95
		Mississippi River Pool No 5	2.90	0.68	1.84	5.42
		Mississippi River Pool No 5a	2.67	0.48	1.35	4.50
		Mississippi River Pool No 6	3.42	0.62	1.73	5.77
						(Sheet 5 of 15)
	10000					

Table E3	Table E3 (Continued)					
:				Income Effects (\$MM)	cts (\$MM)	
			Direct	Indirect	Induced	Total
MVD (cont)	St. Paul (cont)		3.14	0.74	1.73	5.61
		Pool No	7.10	1.29	3.59	11.97
		Mississippi River Pool No 9	4.66	0.85	2.35	7.86
		Mississippi River Pool No 10	5.69	1.03	2.88	9.60
		Orwell Lake	0.12	0.02	90.0	0.21
	Vicksburg	# Arkabutla Lake	5.14	0.41	2.02	7.57
		Bayou Bodcau Reservoir	0.92	0.17	0.47	1.55
		Caddo Lake	0.13	0.02	0.07	0.23
		# Degray Lake	12.00	1.89	5.58	19.47
		Enid Lake	4.33	0.79	2.19	7.31
		# Grenada Lake	8.50	0.94	3.04	12.48
		Lake Greeson	2.47	0.45	1.25	4.17
		# Lake Ouachita	6.86	1.17	4.44	12.47
		Ouachita-Black Rivers (4 L&D, Calion Pool)	0.61	0.11	0.31	1.03
		Ouachita-Black Rivers (4 L&D, Columbia Pool)	1.67	0:30	0.84	2.82
		Ouachita-Black Rivers (4 L&D, Felsenthal Pool)	1.28	0.23	0.65	2.16
		Ouachita-Black Rivers (4 L&D, Jonesville Pool)	1.89	0.34	0.95	3.19
		Pearl River (3 Locks and Dams)	1.04	0.19	0.53	1.75
		Red River Waterway (5 Locks & Dams)	06:0	0.16	0.45	1.51
		# Sardis Lake	7.18	0.80	3.03	11.00
		Wallace Lake	20:0	0.01	0.04	0.13
NAD	Baltimore	Almond Lake	1.55	0.28	0.78	2.61
		Alvin R Bush - Kettle Creek	0.76	0.14	0.38	1.28
		Aylesworth Creek Lake	0.01	0.00	0.01	0.02
		Cowanesque Lake	0.64	0.12	0.32	1.08
		Curwensville Lake	0.22	0.05	0.03	0.30
		East Sidney Lake	0.16	0.04	0.12	0.31
-		Foster Joseph Sayers Dam	2.44	0.44	1.23	4.11
		Jennings Randolph Lake	0.43	0.08	0.22	0.72
		# Raystown Lake	5.95	1.08	3.01	10.04
		Tioga-Hammond Lakes	1.10	0.20	0.55	1.85
		Whitney Point	0.64	0.12	0.32	1.08
						(Sheet 6 of 15)

Division District NAD (cont) New England	1			HICOHIE FILECES (AMINI)	
AD (cont) New England	Froject	Direct	Indirect	Induced	Total
	Ball Mountain Lake	0.32	0.06	0.16	0.54
	Barre Falls Dam	0.56	0.10	0.28	0.94
	Birch Hill Dam	2.22	0.40	1.12	3.74
	Black Rock Lake	0.32	90.0	0.16	0.55
	Blackwater Dam	0.13	0.02	0.07	0.22
	Buffumville Lake	0.52	60.0	0.26	0.88
	Cape Cod Canal	17.47	3.17	8.83	29.48
	Charles River Natural Valley Storage Project	0.24	0.04	0.12	0.41
	Colebrook River Lake	0.63	0.11	0.32	1.07
	Conant Brook Dam	0.12	0.02	90.0	0.20
	East Brimfield Lake	0.62	0.11	0.31	1.05
.	Edward Macdowell Lake	0.26	0.05	0.13	0.44
	Franklin Falls Dam	0.17	0.03	60:0	0.28
	Hancock Brook Lake	0.04	0.01	0.02	0.08
	Hodges Village Dam	0.38	0.07	0.19	0.64
	Hop Brook Lake	0.70	0.13	0.35	1.18
	Hopkinton-Everett Lake	1.90	0.34	96'0	3.20
	Knightville Dam	0.13	0.02	0.07	0.22
	Littleville Lake	0.22	0.04	0.11	0.37
	Mansfield Hollow Lake	2.87	0.52	1.45	4.85
	North Hartland Lake	0.17	0.03	0.08	0.28
	North Springfield Lake	0.15	0.03	0.07	0.25
	Northfield Brook Lake	0.18	0.03	0.09	0:30
	Otter Brook Lake	0.21	0.04	0.11	0.36
	Surry Mountain Lake	0.39	0.07	0.20	0.67
	Thomaston Dam	0.45	0.08	0.23	0.76
	Townshend Lake	0.18	0.03	60:0	0:30
	Tully Lake	0.08	0.01	0.04	0.13
	Union Village Dam	0.11	0.02	90:0	0.19
	West Hill Dam	0.32	90:0	0.16	0.54
	West Thompson Lake	0.51	60:0	0.26	0.86
	Westville Lake	0.25	0.05	0.13	0.42
					(Sheet 7 of 15)

Table E3	Table E3 (Continued)					
	ä			Income Effects (\$MM)	cts (\$MM)	
Division	_	Project	Direct	Indirect	Induced	Total
NAD (cont)	Norfolk	AIW Albemarle and Ches and Dismal Swamp Canal	1.51	0.27	0.76	2.55
		Gathright Dam-Lake Moomaw	0.15	0.03	0.08	0.26
	Philadelphia	Beltzville Lake	2.22	0.40	1.12	3.75
		# Blue Marsh Lake	2.88	0.52	1.46	4.87
		Francis E Walter Dam	1.67	0:30	0.84	2.81
		IWW Delaware R to Chesapeake Bay C + D Canal	1.33	0.24	0.67	2.24
		Prompton Lake	0.28	0.05	0.14	0.48
NWD	Kansas City	Blue Springs Lake	1.45	0.26	0.73	2.44
		Clinton Lake	4.49	0.82	2.27	7.58
		Harlan County Lake	2.76	0.50	1.40	4.66
		# Harry S Truman Dam and Reservoir	10.63	1.93	5.37	17.94
		Hillsdale Lake	1.52	0.28	0.77	2.57
		Kanopolis Lake	1.06	0.19	0.54	1.79
		Long Branch Lake	1.41	0.26	0.71	2.38
		Longview Lake	3.52	0.64	1.78	5.94
		Melvern Lake	2.05	0.37	1.04	3.46
		# Milford Lake	2.65	0.48	1.34	4.46
-			4.40	0.80	2.23	7.43
		# Pomme De Terre Lake	10.24	1.86	5.17	17.27
		Pomona Lake	3.04	0.55	1.53	5.12
		# Rathbun Lake	3.08	0.56	1.56	5.19
		# Smithville Lake	6.78	1.23	3.43	11.44
		# Stockton Lake	6.26	1.14	3.16	10.56
		Tuttle Creek Lake	3.07	0.56	1.55	5.19
		Wilson Lake	1.11	0.20	0.56	1.88
,	Omaha	Bear Creek Lake	1.36	0.14	0.40	1.89
		# Big Bend Dam Lake Sharpe	6.16	1.12	3.11	10.39
		Bluestem Lake	0.09	0.02	0.05	0.15
		Bowman Haley Lake	0.17	0.03	90.0	0.28
		Branched Oak Lake	1.12	0.20	0.56	1.88
			8.42	1.16	3.53	13.11
		# Cherry Creek Lake	14.41	2.62	7.29	24.32
						(Sheet 8 of 15)
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Table E3	Table E3 (Continued)					
				Income Effects (\$MM)	cts (\$MM)	
Division	District	Project	Direct	Indirect	Induced	Total
NWD (cont) Omaha (cont)	Omaha (cont)	Cold Brook Lake	0.16	0.03	0.08	0.27
		Conestoga Lake	0.17	0.03	0.08	0.28
		Cottonwood Springs Lake	0.03	0.01	0.02	0.06
		Fort Peck Project	1.90	0.35	96:0	3.21
		Fort Randall Dam Lake Francis Case	4.40	0.80	2.22	7.42
		Garrison Dam Lake Sakakawea	7.46	1.36	3.77	12.59
		# Gavins Point Project	6.29	0.73	1.99	9.02
		Glenn Cunningham Lake	0.72	0.13	0.36	1.21
		Holmes Lake	1.78	0.32	06:0	3.00
		# Oahe Dam Lake Oahe	8.49	1.54	4.29	14.32
		Olive Creek Lake	90.0	0.01	0.03	0.11
		Pawnee Lake	0.65	0.12	0.33	1.10
		Pipestem Lake	0.39	0.07	0.20	0.65
		Site 10 Yankee Hill Lake Saltcreek Tributary	0.09	0.02	0.04	0.15
		Snyder-Winnebago	0.37	20.0	0.19	0.63
		Stagecoach Lake	0.08	0.01	0.04	0.13
		Standing Bear Lake	0.48	60.0	0.24	0.81
		Twin Lakes	0.08	0.01	0.04	0.13
		Wagontrain Lake	0.13	0.03	90:0	0.23
		Wehrspann Lake	1.33	0.24	0.67	2.24
		Zorinsky Lake	1.58	0.29	0.80	2.67
1-	Portland	Blue River Lake	0.25	0.05	0.13	0.42
		i# Bonneville Lock and Dam	14.22	2.58	7.19	23.99
		Cottage Grove Lake	2.41	0.44	1.22	4.06
		Cougar Lake	0.34	90.0	0.17	0.57
		Detroit Lake	0.12	0.02	90.0	0.20
		Dexter Lake	2.88	0.45	1.43	4.76
		Dorena Lake	1.87	0.34	0.94	3.15
		Fall Creek Lake	0.31	0.04	0.16	0.51
		Fern Ridge Lake	4.62	0.84	2.33	7.79
		Foster Lake	2.95	0.54	1.49	4.97
		Green Peter Lake	1.49	0.27	0.75	2.51
						(Sheet 9 of 15)

Table E3	(Continued)					
	i			Income Effects (\$MM)	cts (\$MM)	
Division	District	Project	Direct	Indirect	Induced	Total
NWD (cont)	Portland (cont)	Hills Creek	0.07	0.01	0.03	0.11
		# John Day Lock and Dam, Lake Umatilla	10.29	1.87	5.20	17.35
		Lookout Point Lake	0.81	0.15	0.41	1.37
		Lost Creek Lake	3.14	0.57	1.59	5.29
		# The Dalles Lock and Dam, Lake Celilo	5.10	0.93	2.58	8.60
		Willamette Falls Locks	0.26	0.05	0.13	0.43
		Willow Creek	0.20	0.04	0.10	0.34
	Seattle	Albeni Falls Dam and Lake Pend Oreille	1.31	0.24	99.0	2.21
		Chief Joseph Dam and Rufus Woods Lake	0.75	0.14	0.38	1.26
		Keystone Harbor	4.06	0.74	2.05	6.86
		Lake Washington Ship Canal	7.42	1.35	3.75	12.51
		Libby Dam and Lake Koocanusa	1.32	0.24	0.67	2.23
		Mud Mountain Dam Project White River	0.49	60:0	0.25	0.83
	Walla Walla		1.19	0.22	09:0	2.01
		Ice Harbor Lock & Dam, Lake Sacajawea	2.53	0.46	1.28	4.27
		Little Goose Lock & Dam, Lake Bryan	1.06	0.19	0.54	1.79
		i# Lower Granite Lock & Dam	5.30	96.0	2.68	8.94
		Lower Monumental Lock & Dam, Lake West	0.87	0.16	0.44	1.47
		Lucky Peak Lake	4.36	1.24	3.19	8.78
		# McNary Lock & Dam, Lake Wallula	20.03	3.64	10.12	33.78
		Mill Creek Lake	0.78	0.14	0.39	1.31
РОБ	Alaska	Chena River Lakes	0.71	0.13	0.36	1.20
SAD	Jacksonville	Fernandina Harbor	0.29	0.05	0.15	0.49
		Four River Basins	1.26	0.23	0.64	2.12
		! Lake Okeechobee and Waterway	38.34	6.97	19.38	64.69
		Miami Harbor	0.21	0.04	0.11	0.36
	Mobile	Alabama River Lakes Claiborne	1.23	0.22	0.62	2.07
_		# Alabama River Lakes Dannelly	8.92	1.33	3.06	13.30
			9.10	1.87	3.56	14.52
		# Allatoona Lake	37.19	7.46	13.04	57.69
		Black Warrior and Tombigbee Lakes	22.63	4.11	11.44	38.19
		Carters Lake	3.64	99.0	1.84	6.15
						(Sheet 10 of 15)
						7

SAD (cont) Mobile (cont) George W. Andrews Lake 2.31 0.42 SAD (cont) George W. Andrews Lake 5.17 0.42 SAD (cont) # Lake Saminole 5.09 0.73 # Lake Saminole 48.46 9.44 0.82 Face Savannal # Lake Saminole 5.09 0.82 Face Savannal # West Point Plantmond Lake 17.64 3.20 Wast Point Plantmond Lake 67.5 1.23 2.01 Wilmington # Hartwell Lake 0.63 0.12 Wilmington # Exvest Jordan Dam and Lake 0.75 1.23 Wilmington # Exvest Jordan Dam and Lake 0.73 0.05 Falls Lake Cape Fear River 3 Locks and Dams- 0.83 0.04 Wilmington # Falls Lake 0.06 0.05 Albuquerque Abicatu Dam and Reservoir 1.2.10 1.81 Albuquerque Abicatu Dam and Reservoir 0.43 0.05 Albuquerque Abicatu Dam and Lake 0.03 0.04 0.01 <t< th=""><th>Table E3 (Continued)</th><th></th><th></th><th></th><th>-4- (CBABA)</th><th></th></t<>	Table E3 (Continued)				-4- (CBABA)	
Mobile (cont) Edecage W. Andrews Lake Direct Innect Innect<				income Effects (\$MIM)	CUS (DIVINI)	7.60
Mobile (cont) George W. Andrews Lake 2.31 0 0		Project	Direct	Indirect	Induced	lotal
# Lake Seminole	_	George W. Andrews Lake	2.31	0.42	1.17	3.89
Elake Sidney Lanier 48.46 9.509 0.509			5.17	0.73	2.11	8.01
Tennessee-Tombighee Waterway 17.64 5.09			48.46	9.44	25.82	83.72
Tennessee-Tombigbee Waterway 17.64 # Walter F. George Lake 31.97 # West Point Project 12.23 1		Okatibbee Lake	5.09	0.92	2.57	8.59
# Waster F. George Lake		! Tennessee-Tombigbee Waterway	17.64	3.20	8.92	29.76
# West Point Project 12.3 12.3 14.5 14		1	31.97	5.04	13.18	50.19
Savannah ## Hartwell Lake 57.56 11 New Savannah Buff Lock and Dam 0.63 0 New Savannah Buff Lock and Dams 0.63 0 Wilmington # B Everett Jordan Dam and Lake 7.08 0 Cape Fear River <3 Locks and Dams> 0.33 0 # Falls Lake 3.33 0 # Dhilpott Lake 4.13 0 # W Kerr Scott Dam and Reservoir 4.13 0 Abluquerque Abiquin Dam 0.043 0 Cochiti Lake Cochiti Lake 0.043 0 Abunduerdue Cochiti Lake 0.02 0 Cochiti Lake Cochiti Lake 0.043 0 Cochiti Lake Jemez Caryon Dam 0.02 0 Jemez Caryon Dam 1 Linidad Lake 0.01 0 Trinidad Lake Trinidad Lake 0.01 0 Brea Dam Carbon Caryon Dam 1.16 0 Brea Dam Carbon Caryon Dam 1.30 # Hansen Dam 1.30 0 <td></td> <td></td> <td>12.23</td> <td>2.01</td> <td>5.70</td> <td>19.95</td>			12.23	2.01	5.70	19.95
# J. Strom Thurmond Lake 33.38 Richard B Russell Dam and Lake 0.63 New Savannah Bluff Lock and Dam 0.63 New Savannah Bluff Lock and Dam 0.63 New Savannah Bluff Lock and Dam 0.708 New Strong Dam and Lake 12.10 H Falls Lake 12.10 H Falls Lake 13.33 New Kerr Scott Dam and Reservoir 12.10 New Kerr Scott Dam and Reservoir 13.33 New Kerr Scott Dam and Lake 13.33 New Kerr Scott Dam and Lake 13.33 New Kerr Scott Dam and Lake 14.13 New Kerr Scott Dam and Lake 14.13 New Kerr Scott Dam and Lake 14.13 New Kerr Scott Dam 14.61 14.	Savannah	1	57.56	11.85	28.19	97.60
Wilmington # B Everett Jordan Dam and Lake 6.75 Wilmington # B Everett Jordan Dam and Lake 7.08 0.33 Cape Fear River <3 Locks and Dams> 0.33 0.33 0.03 # John H Kerr Dam and Reservoir 4.13 0.43 Abbuquerque Abiquiu Dam 0.43 0.43 Cochiti Lake Cochiti Lake 0.02 0.02 John Martin Dam Cochiti Lake 0.02 0.08 Santa Rosa Dam John Martin Dam 0.08 0.01 I John Martin Dam Santa Rosa Dam and Lake 0.01 0.01 Los Angeles Alamo Lake 0.01 0.01 Brea Dam Carbon Canyon Dam 1.16 1.28 Fullerton Dam Hansen Dam 6.60 0.09 Mojave River Dam 0.09 0.09 0.09			33.38	6.44	15.97	55.79
Wilmington # B Everett Jordan Dam and Lake 6.75 7.08 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.03 0.33 0.03 0.03 0.03 0.043 0.043 0.043 0.043 0.043 0.043 0.043 0.043 0.043 0.043 0.022 0.041 0.022 0.033 0.022 0.033 0.022 0.033 0.022 0.041		New Savannah Bluff Lock and Dam	0.63	0.12	0.32	1.07
Wilmington # B Everett Jordan Dam and Lake 7.08 Cape Fear River <3 Locks and Dams> 0.33 # Falls Lake 3.33 0 # John H Kerr Dam and Reservoir 12.10 # Philpott Lake 4.13 0 # W Kerr Scott Dam and Reservoir 5.46 0 Abiquiu Dam 0.43 0 Coochit Lake 0.02 0 Conchas Lake 0.02 0 Galisteo Dam James Canyon Dam 0.03 I John Martin Dam Sanita Rosa Dam and Lake 0.01 Trinidad Lake Trinidad Lake 0.01 Brea Dam Alamo Lake 1.80 Brea Dam 1.28 Eullerton Dam 1.30 # Hansen Dam 0.09		Richard B Russell Dam and Lake	6.75	1.23	3.41	11.38
Cape Fear River <3 Locks and Dams> 6.33	Wilmington	B Everett Jordan	7.08	0.85	2.60	10.53
# Falls Lake # John H Kerr Dam and Reservoir 12.10 # Philpott Lake # W Kerr Scott Dam and Reservoir 24.13 # W Kerr Scott Dam and Reservoir 5.46 Albuquerque Abiquiu Dam Cochiti Lake 1.33 Conchas Lake 0.08 Galisteo Dam 0.02 Galisteo Dam 0.02 Jemez Canyon Dam 1.61 I John Martin Dam 2 Santa Rosa Dam and Lake 0.74 Trimidad Lake 0.774 Trimidad Lake 0)	Cape Fear River <3 Locks and Dams>	0.33	90.0	0.17	0.56
# John H Kerr Dam and Reservoir 12.10 # Philipott Lake # W Kerr Scott Dam and Reservoir 5.46 Albuquerque Abiquiu Dam Cochiti Lake Conchas Lake Santa Rosa Dam I John Martin Dam Santa Rosa Dam and Lake Trinidad Lake Two Rivers Dam Two River Dam Tw		1	3.33	0.39	1.18	4.91
# Philpott Lake # W Kerr Scott Dam and Reservoir Albuquerque		John H Kerr Dam	12.10	1.81	6.42	20.33
Albuquerque Abiquiu Dam 6.660 Albuquerque Abiquiu Dam 0.43 Cochitit Lake 1.33 0.83 Conchas Lake 0.83 0.08 Galisteo Dam 0.02 0.08 I John Martin Dam 1.61 0.08 Santa Rosa Dam and Lake 0.74 0.01 Trinidad Lake 0.74 1.80 Two Rivers Dam 1.80 1.30 Brea Dam 1.16 1.30 Fullerton Dam 6.60 6.60 # Hansen Dam 0.09 0.09		Philpott Lake	4.13	0.53	1.86	6.52
Albuquerque Abiquiu Dam 0.43 Cochitit Lake 1.33 1 Conchas Lake 0.83 0 Galisteo Dam 0.02 0 Jemez Canyon Dam 1.61 0 Santa Rosa Dam and Lake 0.74 0.74 Two Rivers Dam 0.01 1.80 Los Angeles Alamo Lake 1.30 Brea Dam 1.16 1.30 Carbon Canyon Dam 1.16 1.16 Hansen Dam 6.60 6.60 Mojave River Dam 0.09 0.09		W Kerr Scott Dam	5.46	0.53	2.11	8.10
Cochiti Lake 1.33 6 Conchas Lake 0.083 0.083 Jemez Canyon Dam 0.02 0.08 I John Martin Dam 1.61 0.08 Santa Rosa Dam and Lake 0.74 0.74 Trinidad Lake 0.01 1.80 Two Rivers Dam 1.80 1.30 Brea Dam 1.16 1.30 Kullerton Dam 6.60 6.60 Mojave River Dam 0.09 0.09		Abiquiu Dam	0.43	90.0	0.22	0.72
Conchas Lake 0.83 Galisteo Dam 0.02 Jemez Canyon Dam 0.08 Santa Rosa Dam and Lake 1.61 Trinidad Lake 0.74 Two Rivers Dam 0.01 Alamo Lake 0.01 Brea Dam 1.80 Carbon Canyon Dam 1.28 Fullerton Dam 6.60 Mojave River Dam 6.60 Mojave River Dam 0.09		Cochiti Lake	1.33	0.24	29.0	2.25
Galisteo Dam 0.02 Jernez Canyon Dam 0.08 Santa Rosa Dam and Lake 1.61 Trinidad Lake 0.74 Two Rivers Dam 0.01 Alamo Lake 0.01 Brea Dam 1.80 Evillerton Dam 1.16 Fullerton Dam 6.60 Mojave River Dam 0.09		Conchas Lake	0.83	0.15	0.42	1.41
Jemez Canyon Dam 0.08 ! John Martin Dam 1.61 Santa Rosa Dam and Lake 0.41 Trinidad Lake 0.74 Two Rivers Dam 0.01 Alamo Lake 1.80 Brea Dam 1.28 Carbon Canyon Dam 1.16 Fullerton Dam 6.60 Mojave River Dam 0.09		Galisteo Dam	0.02	0.00	0.01	0.04
1 John Martin Dam 1.61 Santa Rosa Dam and Lake 0.41 Trinidad Lake 0.74 Two Rivers Dam 0.01 Alamo Lake 1.80 Brea Dam 1.28 Carbon Canyon Dam 1.16 Fullerton Dam 1.30 # Hansen Dam 6.60 Mojave River Dam 0.09		Jemez Canyon Dam	0.08	0.01	0.04	0.13
Santa Rosa Dam and Lake 0.41 Trinidad Lake 0.74 Two Rivers Dam 0.01 Alamo Lake 1.80 Brea Dam 1.28 Carbon Canyon Dam 1.16 Fullerton Dam 6.60 Mojave River Dam 6.00		l John Martin Dam	1.61	0.29	0.81	2.71
Trinidad Lake 0.74 Two Rivers Dam 0.01 Alamo Lake 1.80 Brea Dam 1.28 Carbon Canyon Dam 1.16 Fullerton Dam 6.60 Mojave River Dam 6.00			0.41	0.07	0.21	0.69
Two Rivers Dam 0.01 Alamo Lake 1.80 Brea Dam 1.28 Carbon Canyon Dam 1.16 Fullerton Dam 6.60 Mojave River Dam 0.09		Trinidad Lake	0.74	0.13	0.37	1.24
Alamo Lake 1.80 Brea Dam 1.28 Carbon Canyon Dam 1.16 Fullerton Dam 1.30 # Hansen Dam 6.60 Mojave River Dam 0.09		Two Rivers Dam	0.01	00:00	0.00	0.01
Brea Dam 1.28 Carbon Canyon Dam 1.16 Fullerton Dam 1.30 # Hansen Dam 6.60 Mojave River Dam 0.09	Los Angeles	Alamo Lake	1.80	0.33	0.91	3.03
Carbon Canyon Dam 1.16 Fullerton Dam 1.30 Hansen Dam 6.60 Mojave River Dam 0.09		Brea Dam	1.28	0.23	0.65	2.17
Fullerton Dam 1.30 Hansen Dam 6.60 Mojave River Dam 0.09		Carbon Canyon Dam	1.16	0.21	0.59	1.96
Hansen Dam 6.60 Mojave River Dam 0.09		Fullerton Dam	1.30	0.24	99.0	2.19
Dam 0.09			09:9	1.78	3.80	12.17
		Mojave River Dam	60:0	0.02	0.04	0.15
						(Sheet 11 of 15)

Shorteon Dolester Internor Effects (SMM) Total Total SPD (corn) Lee Angelee (corn) Peached Rock Dem 0.00 <th>Table E3</th> <th>Table E3 (Continued)</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Table E3	Table E3 (Continued)					
District Project Included District					Income Effe	cts (\$MM)	
Los Angeles (cont) Painted Rock Dam 0.00 0.00 0.00 Los Angeles (cont) Parado Dam Sarla Rob Dam 0.43 0.35 0.03 Sarla Fo Dam Sarla Margarita Lake 1.83 0.33 0.32 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.04 0.01 0.03 0.04 0.04 0.05 0.04 0.05 0.04 0.05 0.04 0.05 0.04 0.05 0.04 0.05 0.04 0.05 0.04 0.05	Division	District	Project	Direct	Indirect	Induced	Total
Secretarion 191 0.35 0.96		Los Angeles (cont)	Painted Rock Dam	0.00	0.00	00.0	00.00
Saniface Dam 0.64 0.12 0.32 Saniface Dam 1.83 0.33 0.02 # Sepulveda Dam 12.16 3.27 7.00 # Whiter National Lake 0.70 0.09 0.04 0.04 # Harry Englebright Lake 0.78 0.07 0.09 0.07 # Harry Englebright Lake 0.78 0.07 0.07 0.03 # Harry Englebright Lake 0.78 0.07 0.07 0.03 # Harry Englebright Lake 0.74 0.03 0.10 # Harry Englebright Lake 0.74 0.03 0.10 # Insert Kawan 0.14 0.03 0.10 # Insert Kawan 0.14 0.03 0.10 # Prince Flat Lake 0.04 0.05 0.10 San Fancisco # Prince Flat Lake 0.04 0.03 1.14 San Francisco # Lake Mandel Regional Visior Center 0.34 0.06 0.03 1.16 Fort Worth Aquillia Dam & Lake 0.34 0.06 0.06 <			Prado Dam	1.91	0.35	96.0	3.22
Santa Fe Dam 183 0.33 0.92			Salinas Dam Santa Margarita Lake	0.64	0.12	0.32	1.08
# Secramento # Secramento # Biack Butile Lake Biack Butile Lake # Harry L Englobright Lake # Now Hoggan Lake # San Francisco # Lake Rouneah San Francisco # Lake Model Regional Visitor Center Lake Sonoma 1 Lake Sonoma 2.09 0.00 0.10			Santa Fe Dam	1.83	0.33	0.92	3.08
# Whitter Natrows Pam 13.89 3.73 8.11 Sacramento # Eastman Lake 0.76 0.09 0.04 # Harry L Englebright Lake 0.78 0.07 0.20 # Harry L Englebright Lake 0.78 0.07 0.27 # Harry L Englebright Lake 0.78 0.07 0.27 # Lake Kawash 2.31 0.05 0.10 # New Hogan Lake 1.31 0.24 0.66 # San Francisco # Lake Mendocino 2.00 0.32 1.04 San Francisco # San Francisco 2.49 0.60 0.10 # San Francisco # San Francisco 2.49 0.60 1.14 San Francisco # Success Lake 2.49 0.60 1.14 San Francisco # Success Lake 2.49 0.60 1.14 San Francisco # Success Lake 2.49 0.60 1.14 San Francisco # Eake Mondel Regional Visitor Center 0.34 0.60 0.17 # Bellon Lake Aquilla Dam Lake O' The Pincs <td></td> <td></td> <td>ŀ</td> <td>12.15</td> <td>3.27</td> <td>7.00</td> <td>22.43</td>			ŀ	12.15	3.27	7.00	22.43
Sacramento # Black Buitle Lake 0.70 0.09 0.34 # Estaman Lake 0.36 0.08 0.16 # Harry L Englebright Lake 0.78 0.07 0.27 # Harry L Englebright Lake 0.78 0.07 0.27 # Harry L Englebright Lake 0.78 0.07 0.27 # Lake Kawesh 0.71 0.50 0.00 0.00 # Pine Flat Lake 0.14 0.03 0.10 0.00 # Success Lake 2.07 0.38 1.04 0.00 0.10 San Francisco # Lake Mendocino 2.00 0.32 1.29 0.00 1.48 San Francisco # Lake Mendocino 3.30 0.60 0.60 1.48 San Francisco # Lake Mendocino 2.09 0.08 0.08 1.16 San Francisco # Lake Mendocino 2.09 0.06 0.01 1.16 San Francisco # Lake Mendocino 2.09 0.08 0.09 0.01 I Lake Sonoma Aguilla Dam Rake			Whittier Narrows	13.89	3.73	8.11	25.73
# Eastman Lake 0.36 0.06 0.16 # HaryL Englebright Lake 0.755 0.10 0.28 # HaryL Englebright Lake 0.77 0.27 0.27 # Lake Kaweah 2.31 0.50 0.10 # Nartis Creek Lake 0.14 0.03 0.10 # Pine Flat Lake 2.07 0.24 0.66 # Success Lake 2.07 0.38 1.04 San Francisco # Lake Mendocino 2.49 0.60 1.48 San Francisco # Lake Mendocino 2.09 0.39 1.16 Fort Worth Aquilla Dam & Lake 0.39 0.39 1.16 Bardwell Lake 0.34 0.06 0.17 2.99 # Canyon Lake 5.77 1.02 2.99 # Grapevine Lake 5.77 1.02 3.25 Gooper Lake Cooper Lake 5.72 1.02 3.25 Gooper Lake Ferrells Bridge Dam Lake O' The Pines 5.72 0.45 1.25 Hords Creek Lake Creek Lak		Sacramento		0.70	60.0	0.34	1.13
# Harry L Englebright Lake 0.55 0.10 0.28 # Harry L Englebright Lake 0.78 0.07 0.27 # Lake Kaweah 0.14 0.65 1.03 # Diver Flate Raweah 0.14 0.60 1.00 # Pine Flat Lake 0.14 0.03 0.10 San Francisco # Lake Mendocino 2.07 0.38 1.04 San Francisco # Lake Mendocino 2.09 0.60 1.48 San Francisco # Lake Mendocino 2.09 0.60 1.67 A Francisco # Lake Mendocino 3.30 0.60 1.48 San Francisco # Lake Mendocino 3.30 0.60 1.67 A Flat Lake Bardwell Lake 0.60 0.60 0.77 Bardwell Lake A Belton Lake 0.74 0.66 0.77 Bardwell Lake Cooper Lake 0.75 0.75 0.75 Berdwell Lake Berdwell Lake 0.75 0.75 0.75 Berdwell Lake Cooper Lake 0.75				0.36	0.08	0.16	0.59
# Hensley Lake 0.78 0.07 0.27 1.03 # Lake Kawaah 2.31 0.50 1.03 1.03 # Martis Creek Lake 0.14 0.03 0.10 0.14 0.03 0.10 # Nav Hogan Lake 2.07 0.38 1.04 0.15 0.15 0.15 0.10 # Stanislaus River Parks 2.00 0.32 1.29 0.10 0.15 0.10 0.15 0.10 0.15 0.10 0.15 0.10 0.15 0.10 0.15 0.10 0.15 0.10 0.15 0.10 0.15				0.55	0.10	0.28	0.93
# Lake Kaweah				0.78	0.07	0.27	1.11
Martis Creek Lake 0.14 0.03 0.10 # New Hogan Lake 1.31 0.24 0.66 # Pine Flat Lake 2.07 0.38 1.04 Stanislaus River Parks 2.00 0.32 1.24 Sanislaus River Parks 2.09 0.60 1.48 San Francisco # Lake Mendocino 3.30 0.60 1.67 I Lake Sonoma 2.09 0.60 1.67 1.67 S F Bay Model Regional Visitor Center 0.89 0.08 1.16 S F Bay Model Regional Visitor Center 0.34 0.06 0.17 Bardwell Lake 0.34 0.06 0.17 Benbrook Lake 5.91 1.07 2.99 # Ferrells Bridge Dam Lake O' The Pines 5.72 0.46 1.25 A Grapevine Lake 6.78 0.05 4.52 Hords Creek Lake 6.11 1.02 2.49 Hords Creek Lake 6.11 1.21 2.49 Hords Creek Lake 6.11 1.21 2.49 <t< td=""><td></td><td></td><td>l</td><td>2.31</td><td>0.50</td><td>1.03</td><td>3.83</td></t<>			l	2.31	0.50	1.03	3.83
# New Hogan Lake 1.31 0.24 0.66 # Pine Flat Lake 2.07 0.38 1.04 San Francisco # Lake Mendocino 2.09 0.32 1.29 San Francisco # Lake Mendocino 3.30 0.60 1.48 San Francisco # Lake Mendocino 2.09 0.39 1.16 San Francisco # Lake Mendocino 2.09 0.30 1.16 San Francisco # Lake Mendocino 2.09 0.39 1.16 San Francisco # SE Bay Model Regional Visitor Center 0.89 0.08 0.31 Bardwell Lake Bardwell Lake 0.34 0.06 0.17 Benbrook Lake 7.83 1.07 2.99 # Canyon Lake 7.83 1.07 2.99 # Granger Lake 1.34 0.24 0.68 # Granger Lake 1.34 0.24 0.68 # Joe Pool Lake 6.11 1.07 2.49 # Lake Georgetown 1.166 2.23 4.20 # Lavon Lak			Martis Creek Lake	0.14	0.03	0.10	0.26
Fine Flat Lake 2.07 0.38 1.04 Stanislaus River Parks 2.00 0.32 1.29 San Francisco # Lake Mendocino 2.49 0.60 1.48 San Francisco # Lake Mendocino 2.09 0.39 1.67 I Lake Sonoma 2.09 0.39 0.17 Bardwell Lake 0.34 0.06 0.17 Bardwell Lake 1.25 0.46 0.17 Bardwell Lake 1.128 1.91 5.07 Benbrook Lake 5.91 1.07 2.99 # Cooper Lake 7.83 1.62 4.35 Cooper Lake 7.84 0.24 0.68 # Granger Lake 1.34 0.24 0.68 # Joe Pool Lake 1.64 2.07 4.55 Hord's Creek Lake 4.52 1.02 3.24 # Joe Pool Lake 6.11 1.21 4.49 # Joe Pool Lake 1.04 2.07 4.50 # Lake Georgetown 3.14 0.33				1.31	0.24	99.0	2.22
Stanislaus River Parks 2.00 0.32 1.29 # Success Lake 2.49 0.60 1.48 San Francisco # Lake Mendocino 3.30 0.60 1.67 I Lake Sonoma 2.09 0.39 1.16 Fort Worth Aquilla Dam & Lake 0.34 0.06 0.17 Barbucial Lake 2.55 0.46 0.07 0.17 # Belton Lake 11.28 1.91 5.07 2.99 # Canyon Lake 5.91 1.07 2.99 # Ferrells Bridge Dam Lake O' The Pines 7.83 1.62 4.35 Granger Lake 1.34 0.24 0.68 # Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 4.35 0.24 0.68 # Granger Lake 1.34 0.24 0.68 # Granger Lake 1.64 2.07 4.52 Hadra Granger Lake 6.17 1.24 1.25 Hadra Georget Lake 6.11 1.24 0.45 1				2.07	0.38	1.04	3.48
# Success Lake 2.49 0.60 1.48 San Francisco # Lake Mendocino 3.30 0.60 1.67 I Lake Sonoma 2.09 0.39 1.16 S E Bay Model Regional Visitor Center 0.89 0.08 1.16 Aquilla Dam & Lake 0.34 0.06 0.17 Bardwell Lake 1.128 1.29 0.46 0.17 Benthorok Lake 5.91 1.07 2.99 # Canyon Lake 7.83 1.62 4.35 Cooper Lake 1.34 0.24 0.68 # Ferrells Bridge Dam Lake O'The Pines 5.72 1.02 3.25 Granger Lake 1.34 0.24 0.68 # Grapevine Lake 1.04 2.07 4.52 # Joe Pool Lake 6.11 1.21 2.48 # Lake Georgetown 3.14 0.45 1.26 # Lavor Lake 11.65 2.23 4.20			Stanislaus River Parks	2.00	0.32	1.29	3.61
San Francisco # Lake Mendocino 3.30 0.60 1.67 1 Lake Sonoma 2.09 0.39 1.16 S F Bay Model Regional Visitor Center 0.89 0.08 0.31 Bardwell Lake 0.34 0.06 0.17 Bardwell Lake 2.55 0.46 1.29 Belton Lake 1.128 1.91 5.07 Benbrook Lake 5.91 1.07 2.99 # Canyon Lake 7.83 1.62 0.68 # Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.044 0.34 0.34 0.68 # Grapevine Lake 1.044 2.07 4.55 Hords Creek Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 # Lake Georgetown 3.14 0.57 1.59 # Lake Georgetown 11.65 2.23 4.20				2.49	09:0	1.48	4.57
Fort Worth Aquilla Dam & Lake 0.09 0.09 0.09 0.17 Bardwell Lake 0.34 0.06 0.17 Bardwell Lake 2.55 0.46 1.29 # Belton Lake 11.28 1.91 5.07 Benbrook Lake 5.91 1.07 2.99 # Canyon Lake 7.83 1.62 4.35 Cooper Lake 1.34 0.24 0.68 # Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 4.52 1.04 2.07 4.52 Hords Creek Lake 2.48 0.45 1.25 # Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 # Lavon Lake 11.65 2.23 4.20		San Francisco		3.30	09:0	1.67	5.56
Fort Worth Aquilla Dam & Lake 0.34 0.06 0.17 Bardwell Lake 2.55 0.46 1.29 # Belton Lake 11.28 1.91 5.07 Benbrook Lake 5.91 1.07 2.99 # Canyon Lake 7.83 1.62 4.35 Cooper Lake 1.34 0.24 0.68 # Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.84 0.33 0.93 # Grapevine Lake 10.44 2.07 4.52 Hords Creek Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 # Lavon Lake 11.65 2.23 4.20			! Lake Sonoma	2.09	0.39	1.16	3.64
Fort Worth Aquilla Dam & Lake 0.34 0.06 0.17 Bardwell Lake 2.55 0.46 1.29 # Belton Lake 11.28 1.91 5.07 Benbrook Lake 5.91 1.07 2.99 # Canyon Lake 7.83 1.62 4.35 Cooper Lake 1.34 0.24 0.68 # Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.84 0.33 0.93 Hords Creek Lake 2.07 4.52 Hords Creek Lake 6.11 1.24 2.29 Lake Georgetown 3.14 0.57 1.59 # Lavon Lake 11.65 2.23 4.20			S F Bay Model Regional Visitor Center	68:0	80.0	0.31	1.27
Bardwell Lake 2.55 0.46 1.29 Belton Lake 11.28 1.91 5.07 Benbrook Lake 5.91 1.07 2.99 Canyon Lake 7.83 1.62 4.35 Cooper Lake 1.34 0.24 0.68 Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.84 0.33 0.93 Grapevine Lake 10.44 2.07 4.52 Hords Creek Lake 6.11 1.25 1.25 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20	Swd	Fort Worth	Aquilla Dam & Lake	0.34	90.0	0.17	0.57
Belton Lake 11.28 1.91 5.07 Benbrook Lake 5.91 1.07 2.99 Canyon Lake 7.83 1.62 4.35 Cooper Lake 1.34 0.24 0.68 Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.84 0.33 0.93 Grapevine Lake 10.44 2.07 4.52 Hords Creek Lake 2.48 0.45 1.25 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20			Bardwell Lake	2.55	0.46	1.29	4.29
Benbrook Lake 5.91 1.07 2.99 Canyon Lake 7.83 1.62 4.35 Cooper Lake 1.34 0.24 0.68 Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.84 0.33 0.93 Granger Lake 10.44 2.07 4.52 Hords Creek Lake 2.48 0.45 1.25 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20				11.28	1.91	5.07	18.27
Canyon Lake 7.83 1.62 4.35 Cooper Lake 1.34 0.24 0.68 Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.84 0.33 0.93 Hords Creek Lake 2.07 4.52 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20			Benbrook Lake	5.91	1.07	2.99	9.97
Cooper Lake 1.34 0.24 0.68 Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.84 0.33 0.93 Grapevine Lake 10.44 2.07 4.52 Hords Creek Lake 2.48 0.45 1.25 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20				7.83	1.62	4.35	13.80
Ferrells Bridge Dam Lake O' The Pines 5.72 1.02 3.25 Granger Lake 1.84 0.33 0.93 Grapevine Lake 10.44 2.07 4.52 Hords Creek Lake 2.48 0.45 1.25 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20			Cooper Lake	1.34	0.24	89.0	2.27
Granger Lake 1.84 0.33 0.93 Grapevine Lake 10.44 2.07 4.52 Hords Creek Lake 2.48 0.45 1.25 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20				5.72	1.02	3.25	10.00
Grapevine Lake 10.44 2.07 4.52 Hords Creek Lake 2.48 0.45 1.25 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20			Granger Lake	1.84	0.33	0.93	3.10
Hords Creek Lake 2.48 0.45 1.25 Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20				10.44	2.07	4.52	17.03
Joe Pool Lake 6.11 1.21 2.49 Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20			Hords Creek Lake	2.48	0.45	1.25	4.18
Lake Georgetown 3.14 0.57 1.59 Lavon Lake 11.65 2.23 4.20				6.11	1.21	2.49	9.81
Lavon Lake 4.20	-		Lake Georgetown	3.14	0.57	1.59	5.31
(Sheet 12 of 15)			l	11.65	2.23	4.20	18.08
_							(Sheet 12 of 15)

Table E3 (Continued)	nued)			-	() () () () () () () () () ()	
Г				Income Effects (\$MM)	cts (\$MM)	
Division District		Project	Direct	Indirect	Induced	Total
SWD (cont) Fort Worth (cont)	י (cont)	# Lewisville Lake	20.93	4.18	9.64	34.75
•		Navarro Mills Lake	2.79	0.51	1.41	4.70
		O.C. Fisher Lake	4.43	0.80	2.24	7.47
		Proctor Lake	1.81	0.33	0.92	3.06
		Ray Roberts Lake	12.65	2.30	6.40	21.35
		# Sam Rayburn Reservoir	8.83	1.51	4.85	15.19
			7.40	1.27	3.35	12.02
			2.25	0.41	1.14	3.79
		Town Bluff Dam B.A. Steinhagen Lake	1.91	0.35	0.97	3.23
			9.15	1.85	5.45	16.45
			6.45	1.18	4.39	12.02
		1	6.13	1.04	3.47	10.64
Galveston			66.6	2.03	4.50	16.52
		Barker Dam	2.45	0.45	1.24	4.14
		Wallisville Reservoir	0.84	0.15	0.43	1.42
Little Rock	*	# Beaver Lake	12.86	2.77	7.38	23.02
			0.79	0.12	0.32	1.23
		ı	34.06	6.16	25.14	65.36
		Clearwater Lake	2.23	0.41	1.13	3.77
		# Dardanelle Lake - Ark.Riv.Nav.Sys	9.35	1.68	4.31	15.34
		1	7.19	1.71	3.97	12.87
		Dequeen Lake	1.19	0.22	09:0	2.00
		Dierks Lake	0.89	0.16	0.45	1.50
		Gillham Lake	0.68	0.12	0.35	1.15
		# Greers Ferry Lake	27.61	4.67	15.61	47.89
		John Paul Hammerschmidt Lake	4.18	0.76	2.11	7.05
		# Millwood Lake	3.31	0.57	1.64	5.52
		i# Murray Lock and Dam - Ark.Riv.Nav.Sys	3.98	0.94	2.09	7.01
		# Nimrod Lake	1.45	0.22	0.57	2.25
		# Norfork Lake	8.78	1.49	7.51	17.78
		Norrell Lock and Dam - Ark.Riv.Nav.Sys	0.22	0.04	0.11	0.37
		Ozark Lake - Ark.Riv.Nav.Sys	2.26	0.41	1.14	3.81
						(Sheet 13 of 15)

Table E3	Table E3 (Continued)					
	1:1:0			Income Effects (\$MM)	cts (\$MM)	
DIVISION	DISTRICT	Project	Direct	Indirect	Induced	Total
SWD (cont)	SWD (cont) Little Rock (cont)		0.40	0.07	0.20	0.68
			2.91	0.53	1.47	4.92
		Pool 5 Lock and Dam - Ark.Riv.Nav.Sys	06:0	0.16	0.45	1.51
			0.99	0.18	0.50	1.67
			26.69	5.25	15.50	47.44
		Toad Suck Ferry Lock and Dam-Ark Riv Nav Sys	2.23	0.41	1.13	3.77
		Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys	1.76	0.32	0.89	2.97
	Tulsa	Arcadia Lake	1.12	0.20	0.57	1.89
		Birch Lake	0.57	0.10	0.29	96.0
		Broken Bow Lake	4.47	0.81	2.26	7.54
		# Canton Lake	3.39	0.73	1.37	5.49
		Chouteau Lock and Dam 17	0.86	0.16	0.44	1.45
		Copan Lake	0.35	90:0	0.18	0.59
		Council Grove	1.65	0:30	0.83	2.78
		El Dorado Lake	3.40	0.62	1.72	5.73
		Elk City Lake	0.65	0.12	0.33	1.09
		# Eufaula Lake	10.38	2.11	5.07	17.56
		i	69.0	0.13	0.35	1.16
		# Fort Gibson Lake	13.60	1.88	6.74	22.22
		Fort Supply Lake	1.20	0.22	0.61	2.03
		Great Salt Plains	1.42	0.26	0.72	2.40
		Heyburn Lake	0.63	0.11	0.32	1.06
		Hugo Lake	1.65	0:30	0.83	2.78
		Hulah Lake	0.52	60.0	0.26	0.88
		John Redmond Reservoir	0.97	0.18	0.49	1.63
		Kaw Lake	0.83	0.15	0.42	1.40
		# Keystone Lake	7.64	1.85	4.02	13.52
		Marion Reservoir	2.30	0.42	1.16	3.89
		- 1	06:0	0.16	0.46	1.52
		# Oologah Lake	7.10	1.75	3.70	12.55
		Optima Lake	0.15	0.03	80:0	0.26
		Pat Mayse Lake	1.38	0.25	0.70	2.33
)	(Sheet 14 of 15)

Table E3	Table E3 (Concluded)					
				Income Effects (\$MM)	cts (\$MM)	
Division	District	Project	Direct	Indirect	Induced	Total
SWD (cont)	SWD (cont) Tulsa (cont)	Pearson-Skubitz Big Hill Lake	0.86	0.16	0.43	1.44
		Pine Creek Lake	1.07	0.19	0.54	1.80
		Robert S. Kerr, Lock and Dam 15	4.21	0.77	2.13	7.11
		Sardis Lake	1.43	0.26	0.72	2.41
		Skiatook Lake	2.84	0.52	1.43	4.78
		# Tenkiller Ferry Lake	5.38	1.28	3.12	9.79
		# Texoma Lake	33.35	6.20	19.69	59.24
		Toronto Lake	0.75	0.14	0.38	1.27
		Truscott Brine Lake, Area VIII	0.04	0.01	0.02	90.0
		. Waurika Lake	2.40	0.44	1.22	4.06
		Wd Mayo Lock and Dam 14	0.52	0.10	0.26	0.88
		Webbers Falls Lock and Dam 16	2.37	0.43	1.20	4.00
		Wister Lake	2.02	0.37	1.02	3.41
		Total	2,024	369	1,022	3,416
		Average	4.44	0.81	2.24	7.49
)	(Sheet 15 of 15)

Table E4	-	5	·			
Regiona	Regional Economic Impacts for All	acts for All CE Projects: Jobs ' (Continued)	(pa	The state of the s		
				Job Effects (N	Job Effects (Number of Jobs)	
Division	District	Project	Direct	Indirect	Induced	Total
LRD	Detroit	Duluth-Superior Harbor	292.73	24.04	76.64	393.41
		Keweenaw Waterway	50.40	4.14	13.20	67.73
		St. Marys River	167.85	13.78	43.94	225.57
		Sturgeon Bay and Lake Michigan Ship Canal	3.58	0.29	0.94	4.81
	Huntington	# Alum Creek Lake	962.53	68.18	272.56	1303.27
		Atwood Lake	400.96	32.92	104.98	538.86
		Beach City Lake	15.02	1.23	3.93	20.19
		Beech Fork Lake	241.61	19.84	63.26	324.71
		Belleville Locks and Dam <ohio r=""></ohio>	233.55	23.79	53.14	310.48
		# Bluestone Lake	441.51	36.25	115.59	593.36
		Bolivar Dam	60.56	4.97	15.85	81.38
		Burnsville Lake	156.26	12.83	40.91	210.01
	-	Capt Anthony Meldahl Locks and Dam <ohio r=""></ohio>	225.15	18.49	58.95	302.59
		Charles Mill Lake	263.07	21.60	68.88	353.55
		Clendening Lake	60.29	4.95	15.78	81.03
		# Deer Creek Lake	1110.41	91.18	290.72	1492.31
		Delaware Lake	256.30	21.05	67.10	344.46
		Dewey Lake	246.90	17.61	85.85	350.36
		Dillon Lake	396.65	32.57	103.85	533.06
		Dover Dam	54.94	4.51	14.38	73.83
- 1- 17-2		East Lynn Lake	97.88	8.04	25.63	131.54
		Fishtrap Lake	214.42	21.85	45.70	281.96
		Grayson Lake	193.15	15.86	50.57	259.58
		Greenup Locks and Dam <ohio r=""></ohio>	617.94	50.74	161.79	830.47
		John W Flannagan Dam and Reservoir	123.42	10.13	32.31	165.86
		Leesville Lake	56.82	4.67	14.88	76.37
		London Locks and Dam <kanawha river=""></kanawha>	0.27	0.02	90.0	0.35
•••		Marmet Locks and Dam <kanawha river=""></kanawha>	18.50	1.52	4.84	24.86
						(Sheet 1 of 14)

Impacts on counties within 30 miles of CE projects of visitor trip spending within 30 miles of the projects. Includes full-time and part-time jobs.

Notes: LRD = Great Lakes and Ohio River; MVD = Mississippi Valley; NAD = North Atlantic; NWD = Northwestern; POD = Pacific Ocean; SAD = South Atlantic; SPD = South Pacific; SWD = Southwestern.

Projects where surveys were conducted to create the spending profiles for this study.

			Job Effects (Job Effects (Number of Jobs)	
Division District	Project	Direct	Indirect	Induced	Total
I RD (cont) Huntington (cont)	Mohawk Dam	74.09	6.08	19.40	69.57
	Mohicanville Dam	3.47	0.28	0.91	4.66
	North Branch Kokosing River Lake	54.28	4.46	14.21	72.95
	North Fork of Pound River Lake	37.19	3.05	9.74	49.98
	Paint Creek Lake	252.61	20.74	66.14	339.50
	Paintsville Lake	238.88	19.62	62.54	321.04
	Piedmont Lake	54.07	4.44	14.16	72.66
	Pleasant Hill Lake	225.45	18.51	59.03	302.99
	R D Bailey Lake	181.90	14.94	47.62	244.46
	Racine Locks and Dam <ohio r=""></ohio>	41.86	3.44	10.96	56.25
	Robert C. Byrd Locks and Dam <ohio r=""></ohio>	24.13	1.98	6.32	32.43
	# Senecaville Lake	356.44	29.27	93.32	479.02
	# Summersville Lake	289.88	23.80	75.90	389.58
	Sutton Lake	162.87	13.37	42.64	218.88
	Tappan Lake	236.77	19.44	61.99	318.21
	Tom Jenkins Dam and Burr Oak Lake	138.75	11.39	36.33	186.47
	Willow Island Locks and Dam <ohio r=""></ohio>	87.76	7.21	22.98	117.95
	Wills Creek Lake	8.81	0.72	2.31	11.84
	Winfield Lock and Dam <kanawha river=""></kanawha>	122.27	10.04	32.01	164.32
	Yatesville Lake	114.74	5.88	33.01	153.64
Louisville	i# Barren River Lake	470.35	38.62	123.15	632.12
	Brookville Lake	326.10	19.34	80.10	425.54
	Buckhorn Lake	87.00	7.14	22.78	116.92
	Caesar Creek Lake	407.47	33.46	106.68	547.61
•	Cagles Mill Lake	84.26	6.92	22.06	113.24
	Cannelton Lock and Dam + Ohio River	13.71	1.29	3.65	18.65
	Carr Creek Lake	193.23	15.87	50.59	259.69
	Cave Run Lake	141.91	11.65	37.15	190.72
	# Cecil M. Harden Lake	447.33	36.73	117.12	601.18
,	Clarence J Brown Dam and Reservoir	289.73	23.79	75.86	389.38
	Green River Lake	314.91	25.86	82.45	423.21
	Greenriver + 2 Locks	19'1	0.63	2.01	10.30
	J. Edward Roush Lake	132.14	10.85	34.60	177.58
-	John T. Mvers Lock and Dam	51.96	4.27	13.60	69.84

Table E4	Table E4 (Continued)					
i				Job Effects (N	Job Effects (Number of Jobs)	
DIVISION	District	Project	Direct	Indirect	Induced	Total
LRD (cont)	Louisville (cont)	Kentucky River + 4 Locks	37.47	3.08	9.81	50.36
		Lock & Dam 52 + Ohio River	10.01	0.82	2.62	13.45
		Lock & Dam 53 + Ohio River	2.24	0.18	0.59	3.01
		Markland Lock and Dam + Ohio River	85.01	9.90	25.43	120.33
		Mcalpine Lock and Dam + Ohio River	70.83	5.82	18.54	95.19
		Mississinewa Lake	289.40	23.76	75.77	388.94
		# Monroe Lake	398.53	32.73	104.34	535.60
		Newburgh Lock and Dam + Ohio River	153.88	10.07	35.78	199.73
		!# Nolin River Lake	90.659	54.12	172.55	885.73
		Patoka Lake	364.13	29.90	95.33	489.36
		# Rough River Lake	618.83	50.81	162.02	831.66
,		Salamonie Lake	2510.13	183.29	554.33	3247.76
	-	Smithland Lock and Dam + Ohio River	5.93	0.49	1.55	7.97
		Taylorsville Lake	368.75	32.39	81.33	482.47
		West Fork Of Mill Creek Lake	274.40	18.56	54.39	347.34
		William H. Ha	341.30	28.03	89.36	458.68
	Nashville		1262.22	103.65	330.47	1696.34
		i# Center Hill Lake	1246.54	102.36	326.36	1675.26
			741.67	06.09	194.18	996.75
			1018.23	83.61	266.59	1368.43
****			1201.81	69.86	314.65	1615.15
			2093.42	180.21	673.41	2947.04
		# Laurel River Lake	70.56	5.40	17.91	93.88
		Martins Fork Lake	41.56	5.49	13.89	60.93
		! Old Hickory Lock and Dam	3407.12	269.63	858.69	4535.44
		# Wolf Creek Dam Lake Cumberland	1827.61	129.62	395.06	2352.29
	Pittsburgh	Berlin Lake	148.06	19.43	54.44	221.92
		Conemaugh River Lake	32.85	2.54	9.42	44.81
		Crooked Creek Lake	103.06	8.46	26.98	138.50
		Dashields Locks and Dam <ohio river=""></ohio>	8.24	0.68	2.16	11.07
		East Branch Clarion River Lake	75.37	6.19	19.73	101.29
		Emsworth Locks and Dams <ohio river=""></ohio>	28.41	2.33	7.44	38.18
		Gray's Landing Locks and Dam	1.67	0.14	0.44	2.25
						(Sheet 3 of 14)
		A. C.				

Division District Project Divect Induced Division Division Division District Hamibal Coxes and Dam «Chine River» 2.87 0.78 2.67 13.34 13	Table E4	Table E4 (Continued)					
Position Project Indirect Indirect Total Lock Phitsburgh (cornt) Hamilabal Locks and Dam «Chloin River» 2.64 0.25 0.68 Hildebrand Locks and Dam «Chloin River» 2.69 0.021 0.08 0.02 Kinzua Dam and Allegheny River» 2.68 0.47 1.43 0.02 Lock and Dam 4 «Allegheny River» 6.57 0.54 1.72 1.43 Lock and Dam 4 «Allegheny River» 6.57 0.20 0.03 0.085 Lock and Dam 5 «Allegheny River» 2.89 0.20 0.03 0.05 Lock and Dam 7 «Allegheny River» 2.89 0.23 0.73 0.05 Lock and Dam 7 «Allegheny River» 2.89 0.23 0.73 0.04 Lock and Dam 7 «Allegheny River» 2.89 0.13 0.42 0.73 Lock and Dam 5 «Allegheny River» 2.89 0.13 0.42 0.42 Lock and Dam 5 «Allegheny River» 2.89 0.13 0.42 0.73 Lock and Dam 5 «Allegheny River» 2.80 0.13 0.73 0.					Job Effects (I	Number of Jobs)	
Hearnibal Locks and Dam <0hio River>	Division	District	Project	Direct	Indirect	Induced	- 11
Hildebrand Lock and Dam Aktorongahela River>		Pittsburgh (cont)		9.91	0.76	2.67	13.34
Kinzua Dam and Allegheny Reservoir 116.96 9.60 30.62 Lock and Dam 2 «Allegheny River> 16.43 1.35 4.30 Lock and Dam 3 (Allegheny River> 6.57 0.54 1.72 Lock and Dam 5 (Allegheny River> 2.39 0.20 0.95 Lock and Dam 5 (Allegheny River> 2.39 0.27 0.68 Lock and Dam 6 (Allegheny River) 2.39 0.27 0.66 Lock and Dam 8 (Allegheny River) 2.80 0.24 0.78 Lock and Dam 8 (Allegheny River) 2.80 0.24 0.78 Lock and Dam 8 (Allegheny River) 2.80 0.24 0.78 Locks and Dam 7 (Allegheny River) 1.59 0.13 0.42 Locks and Dam 5 (Allegheny River) 1.59 0.13 0.42 Locks and Dam 5 (Allonongahela River) 1.59 0.13 1.00 Locks and Dam 4 (Alonongahela River) 3.83 0.31 1.00 Malouning Creek Lake 11.59 0.76 0.06 0.20 Morganitow Lock and Dam 4 (Monongahela River) 0.76 0.06 <t< td=""><td></td><td></td><td>Hildebrand Lock and Dam <monongahela river=""></monongahela></td><td>2.60</td><td>0.21</td><td>0.68</td><td>3.50</td></t<>			Hildebrand Lock and Dam <monongahela river=""></monongahela>	2.60	0.21	0.68	3.50
Lock and Dam 2 - Allegheny River> 16.43 1.35 4.30 Lock and Dam 3 - Allegheny River> 5.68 0.47 1.49 Lock and Dam 4 - Allegheny River> 6.57 0.54 1.72 Lock and Dam 5 - Allegheny River> 2.39 0.20 0.95 Lock and Dam 5 - Allegheny River> 2.30 0.27 0.86 Lock and Dam 6 - Allegheny River> 2.80 0.24 0.73 Lock and Dam 7 - Allegheny River> 2.80 0.24 0.78 Locks and Dam 3 - Allegheny River> 2.80 0.24 0.78 Locks and Dam 4 - Allonongahela River> 1.59 0.13 0.42 Locks and Dam 4 - Allonongahela River> 1.59 0.13 0.42 Locks and Dam 4 - Allonongahela River> 1.59 0.13 0.42 Locks and Dam 4 - Monongahela River> 1.59 0.13 0.42 Locks and Dam 4 - Monongahela River> 1.59 0.13 0.42 Marbal Locks and Dam - Chole River> 3.31.51 1.00.48 0.15 Morgantown Locks and Dam - Chole River> 0.58 0.05			Kinzua Dam and Allegheny Reservoir	116.96	9.60	30.62	157.18
Lock and Dam 3 < Allegheny River> 5.68 0.47 1.49 Lock and Dam 4 < Allegheny River> 6.57 0.54 1.72 Lock and Dam 5 < Allegheny River> 2.91 0.20 0.65 Lock and Dam 6 < Allegheny River> 2.99 0.20 0.63 Lock and Dam 6 < Allegheny River> 2.80 0.27 0.66 Lock and Dam 7 < Allegheny River> 2.80 0.23 0.73 Lock and Dam 8 < Allegheny River> 2.86 0.24 0.78 Lock and Dam 5 < Allegheny River> 2.86 0.24 0.78 Locks and Dam 5 < Allegheny River> 1.59 0.13 0.42 Locks and Dam 5 < Allegheny River> 1.59 0.13 0.42 Locks and Dam 5 < Allegheny River> 1.59 0.13 0.42 Locks and Dam 4 < Almonorgahela River> 1.59 0.13 0.42 Locks and Dam 3 < Almonorgahela River> 1.659 0.51 1.00 Mahoning Creek Lake 1.659 0.51 1.00 Michael J Kirkwan Dam and Reservoir 8.16 0.67 0.24			Lock and Dam 2 < Allegheny River>	16.43	1.35	4.30	22.08
Lock and Dam 4 <allegheny river=""> 6.57 0.54 1.72 Lock and Dam 5 <allegheny river=""> 2.39 0.20 0.63 Lock and Dam 5 <allegheny river=""> 2.39 0.20 0.63 Lock and Dam 5 <allegheny river=""> 2.96 0.23 0.73 Lock and Dam 7 <allegheny river=""> 2.96 0.24 0.78 Lock and Dam 2 <allegheny river=""> 2.96 0.24 0.78 Locks and Dam 2 <allegheny river=""> 2.96 0.24 0.78 Locks and Dam 2 <allegheny river=""> 1.59 0.13 0.42 Locks and Dam 2 <allonongahela river=""> 1.59 0.13 0.42 Locks and Dam 4 Alonongahela River> 1.59 0.13 0.42 Locks and Dam 4 Monongahela River> 1.59 0.13 1.00 Maryanibar Lake 1.65 1.53 4.87 Michael J Kirwan Dam and Reservoir 8.16 0.67 2.14 Morgantow Locks and Dam Cohio River> 0.67 0.06 0.05 0.15 New Cumberland Locks and Dam Cohio River> 0.61 0.05 0.16<td></td><td></td><td>Lock and Dam 3 <allegheny river=""></allegheny></td><td>5.68</td><td>0.47</td><td>1.49</td><td>7.63</td></allonongahela></allegheny></allegheny></allegheny></allegheny></allegheny></allegheny></allegheny></allegheny>			Lock and Dam 3 <allegheny river=""></allegheny>	5.68	0.47	1.49	7.63
Lock and Dam 5 <allegheny river=""> 3.61 0.30 0.95 Lock and Dam 6 <allegheny river=""> 2.39 0.20 0.63 Lock and Dam 7 <allegheny river=""> 2.39 0.27 0.86 Lock and Dam 8 <allegheny river=""> 2.96 0.23 0.73 Lock and Dam 9 <allegheny river=""> 2.96 0.24 0.78 Locks and Dam 9 <allegheny river=""> 4.30 0.35 1.12 Locks and Dam 9 <allegheny river=""> 1.59 0.13 0.42 Locks and Dam 5 <allonongahela river=""> 1.59 0.13 0.42 Locks and Dam 5 <allonongahela river=""> 1.59 0.13 0.42 Locks and Dam 5 <allonongahela river=""> 3.83 0.31 1.00 Mahoning Creek Lake 18.59 1.53 4.87 Mongantown Locks and Dam Andonongahela River> 0.76 0.06 0.20 Mosquito Creek Lake 13.60 1.12 3.56 New Cumberland Locks and Dam Andonongahela River> 0.61 0.06 0.05 Pike Island Locks and Dam Andonongahela River> 0.59 0.05 0.</allonongahela></allonongahela></allonongahela></allegheny></allegheny></allegheny></allegheny></allegheny></allegheny></allegheny>			Lock and Dam 4 <allegheny river=""></allegheny>	6.57	0.54	1.72	8.83
Lock and Dam 6 <allegheny river=""> 2.39 0.20 0.63 Lock and Dam 7 <allegheny river=""> 2.80 0.27 0.86 Lock and Dam 8 <allegheny river=""> 2.90 0.24 0.73 Lock and Dam 2 <allegheny river=""> 2.96 0.24 0.78 Locks and Dam 2 <allegheny river=""> 4.30 0.35 1.12 Locks and Dam 2 <monorgahela river=""> 1.59 0.13 0.42 Locks and Dam 2 <monorgahela river=""> 1.59 0.13 0.42 Locks and Dam 4 <monorgahela river=""> 1.59 0.13 0.42 Loyalhanna Lake 71.01 5.83 18.59 Mahoning Creek Lake 1.53 4.87 Mahoning Creek Lake 33.74 7.20 30.15 Mongomey Locks and Dam <monorgahela river=""> 8.16 0.67 0.24 Morganiewn Locks and Dam <monorgahela river=""> 0.76 0.06 0.20 New Cumberland Locks and Dam <monorgahela river=""> 0.58 0.05 0.15 New Cumberland Locks and Dam <monorgahela river=""> 0.58 0.05 0.16</monorgahela></monorgahela></monorgahela></monorgahela></monorgahela></monorgahela></monorgahela></allegheny></allegheny></allegheny></allegheny></allegheny>			Lock and Dam 5 < Allegheny River>	3.61	0:30	0.95	4.86
Lock and Dam 7 Milegheny River 3.30 0.27 0.86 Lock and Dam 8 Allegheny River 2.96 0.23 0.78 Locks and Dam 8 Allegheny River 1.39 0.13 0.42 Locks and Dam 2 Allegheny River 1.59 0.13 0.42 Locks and Dam 3 Allegheny River 1.59 0.13 0.42 Locks and Dam 4 Allegheny River 1.59 0.13 0.42 Loyalhanna Lake Allegheny River 1.65 0.31 1.00 Maxwell Locks and Dam Maxwell Locks and Dam Allegheny River 8.16 0.67 2.14 Morigantown Lock and Dam Allegheny Check Lake 0.06 0.05 0.15 Morigantown Lock and Dam Allegheny Chicks and Dam Allegheny Chicks and Dam Moriongahela River 0.56 0.05 0.16 0.05 0.16 0.05 0.16 0.05 0.16 0.05 0.16 0.05 0.16 0.05			Lock and Dam 6 <allegheny river=""></allegheny>	2.39	0.20	0.63	3.21
Lock and Dam 8 CAllegheny River> 2.80 0.23 0.73 Locks and Dam 9 Callegheny River> 2.96 0.24 0.78 Locks and Dam 2 Chornorgahela River> 4.30 0.13 0.42 Locks and Dam 2 Monorgahela River> 1.59 0.13 0.42 Locks and Dam 4 Monorgahela River> 71.01 5.83 18.59 Locks and Dam 4 Monorgahela River> 3.83 0.31 1.00 Mahoning Creek Lake Mahoning Creek Lake 18.59 1.53 4.87 Montgomery Locks and Dam Alonongahela River> 8.16 0.67 2.14 Montgomery Locks and Dam Alonongahela River> 0.76 0.06 0.05 Montgomery Locks and Dam Alonongahela River> 0.76 0.06 0.16 Montgomery Locks and Dam Alonongahela River> 0.56 0.05 0.16 Now Cumberland Locks and Dam Alonongahela River> 0.51 0.05 0.16 Shenango River Lake 132.79 0.80 0.56			Lock and Dam 7 <allegheny river=""></allegheny>	3.30	0.27	0.86	4.43
Locks and Dam 9 <allegheny river=""> 2.96 0.24 0.78 Locks and Dam 2 <monongahela river=""> 4.30 0.35 1.12 Locks and Dam 2 <monongahela river=""> 1.59 0.13 0.42 Locks and Dam 4 <monongahela river=""> 1.59 0.13 0.42 Locks and Dam 4 <monongahela river=""> 18.59 1.53 4.87 Mahoning Creek Lake 18.59 0.31 1.00 Maxwell Locks and Dam <monongahela river=""> 8.16 0.67 2.14 Montgomery Locks and Dam <monongahela river=""> 0.76 0.06 0.20 Mosquito Creek Lake 0.76 0.06 0.75 Mosquito Creek Lake 0.76 0.06 0.75 Montgomery Locks and Dam <monongahela river=""> 0.76 0.06 0.05 New Cumberland Locks and Dam <monongahela river=""> 0.58 0.05 0.15 Pike Island Locks and Dam <monongahela river=""> 0.61 0.05 0.16 Shenango River Lake 132.30 10.90 2.87 Tionesta Lake 10.90 0.05 0.05</monongahela></monongahela></monongahela></monongahela></monongahela></monongahela></monongahela></monongahela></monongahela></allegheny>			Lock and Dam 8 <allegheny river=""></allegheny>	2.80	0.23	0.73	3.76
Locks and Dam 2 CMOnongahela River> 4.30 0.35 1.12 Locks and Dam 3 CMonongahela River> 1.59 0.13 0.42 Locks and Dam 4 Amonongahela River> 71.01 5.83 18.59 Locks and Dam 4 Amonongahela River> 71.01 5.83 18.59 Mahoning Creek Lake 18.59 1.53 4.87 Michael J Kiwan Dam and Reservor 8.16 0.67 2.14 Morgantown Lock and Dam Chio River> 8.16 0.67 2.14 Mosquito Creek Lake 383.79 31.51 100.48 New Cumberland Locks and Dam Chio River> 0.56 0.05 0.15 Opekiska Lock and Dam Chio River> 0.58 0.05 0.15 Pike Island Locks and Dam Chio River> 0.58 0.05 0.15 Point Marion Lock and Dam Chio River> 0.51 0.05 0.16 Shenango River Lake 132.30 10.90 34.64 Stonewall Lacks on Lake 124.91 10.90 2.87 Union City Dam 10.90 0.90 2.87 <td>-</td> <td></td> <td>Lock and Dam 9 < Allegheny River></td> <td>2.96</td> <td>0.24</td> <td>0.78</td> <td>3.98</td>	-		Lock and Dam 9 < Allegheny River>	2.96	0.24	0.78	3.98
Locks and Dam 3 1.59 0.13 0.42 Locks and Dam 4 Monongahela River 1.59 0.13 0.42 Loyalhanna Lake 71.01 5.83 18.59 1.8.59 Mahoning Creek Lake 18.59 1.53 4.87 Mahoning Creek Lake 18.59 1.53 4.87 Michael J Kirwan Dam and Reservoir 8.16 0.67 2.14 Montgomery Locks and Dam Abit River 8.16 0.67 2.14 Morganitor Creek Lake 0.76 0.06 0.20 New Cumberland Locks and Dam Abit River 0.58 0.06 0.15 New Cumberland Locks and Dam Chlic River 0.58 0.05 0.15 0.05 Pike Island Locks and Dam Chlic River 0.58 0.05 0.15 0.15 Polit Marion Lock and Dam Chlic River 0.59 0.05 0.15 0.15 Stonewall Jackson Lake 132.30 10.86 34.76 17 Tigart Lake 10.90 0.50			Locks and Dam 2 < Monongahela River>	4.30	0.35	1.12	5.77
Locks and Dam 4 Libbar 1.59 0.13 0.42 Loyalhanna Lake 71.01 5.83 18.59 18.59 Mahoning Creek Lake 18.59 1.53 4.87 1.00 Maxwell Locks and Dam 4.87 3.83 0.31 1.00 1.00 Michael J Kirwan Dam and Reservoir 8.16 0.67 2.14 1.00 1.00 Morgantown Locks and Dam Alonongahela River> 0.76 0.06 0.20 0.05			Locks and Dam 3 <monongahela river=""></monongahela>	1.59	0.13	0.42	2.14
Loyalhanna Lake 71.01 5.83 18.59 Mahoning Creek Lake 18.59 1.53 4.87 Maxwell Locks and Dam 3.83 0.31 1.00 Michael J Kirwan Dam and Reservoir 8.16 0.67 2.14 Mortgantery Locks and Dam 0.76 0.06 0.20 Morgantion Lock and Dam 0.76 0.06 0.20 Mosquito Creek Lake 383.79 31.51 100.48 New Cumberland Locks and Dam 13.60 1.12 3.56 Opekiska Lock and Dam 0.016 River> 0.58 0.05 0.15 Pike Island Locks and Dam 0.016 River> 0.58 0.05 0.16 Pike Island Locks and Dam 0.016 River> 0.61 0.05 0.16 Shenango River Lake 132.30 10.86 34.64 Stonewall Jackson Lake 161.58 13.27 42.30 Tygart Lake 161.56 0.90 2.87 Union City Dam 124.91 10.26 32.70 Youghiogheny River Lake			Locks and Dam 4 <monongahela river=""></monongahela>	1.59	0.13	0.42	2.14
Mahoning Creek Lake 18.59 1.53 4.87 Maxwell Locks and Dam <monongahela river=""> 3.83 0.31 1.00 Michael J Kinwan Dam and Reservoir 8.16 0.67 2.14 Montgamtown Locks and Dam <monongahela river=""> 0.76 0.06 0.20 Mosquito Creek Lake 383.79 31.51 100.48 New Cumberland Locks and Dam <monongahela river=""> 0.58 0.05 0.15 Opekiska Lock and Dam <monongahela river=""> 0.58 0.05 0.15 Pike Island Locks and Dam <monongahela river=""> 0.61 0.05 0.16 Point Marion Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Shenango River Lake 132.30 10.86 34.64 Tionesta Lake 10.90 34.76 42.30 Tionesta Lake 161.58 13.27 42.30 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 10.26 32.70 Youghiogheny River Lake 213.21 17.51 55.82</monongahela></monongahela></monongahela></monongahela></monongahela></monongahela>			Loyalhanna Lake	71.01	5.83	18.59	95.44
Maxwell Locks and Dam <monongahela river=""> 3.83 0.31 1.00 Michael J Kirwan Dam and Reservoir 93.14 7.20 30.15 Mortgomery Locks and Dam <ohio river=""> 0.76 0.06 0.20 Morgantown Lock and Dam <monongahela river=""> 0.76 0.06 0.20 New Cumberland Locks and Dam <monongahela river=""> 0.58 0.05 0.15 Opekiska Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Pike Island Locks and Dam <monongahela river=""> 0.61 0.05 0.16 Point Marion Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Shenango River Lake 132.30 10.86 34.64 Stonewall Jackson Lake 132.75 10.90 34.76 Tygart Lake 124.91 10.26 32.70 Woodcock Creek Lake 124.91 10.26 32.70 Youghiogheny River Lake 213.21 17.51 55.82</monongahela></monongahela></monongahela></monongahela></monongahela></ohio></monongahela>			Mahoning Creek Lake	18.59	1.53	4.87	24.98
Michael J Kirwan Dam and Reservoir 93.14 7.20 30.15 Montgomery Locks and Dam Along Montgomery Locks and Dam 0.76 0.06 2.14 Morgantown Lock and Dam 13.60 1.12 3.56 New Cumberland Locks and Dam 13.60 1.12 3.56 Opekiska Lock and Dam 13.60 1.12 3.56 Pike Island Locks and Dam 0.058 0.05 0.15 Pike Island Locks and Dam 0.61 0.05 0.16 Pike Island Locks and Dam Monongahela River> 0.61 0.05 0.16 Pike Island Locks and Dam Monongahela River> 0.61 0.05 0.16 Shenango River Lake 132.30 10.86 34.64 Stonewall Jackson Lake 16.58 10.90 2.87 Tygart Lake 10.96 0.90 2.87 Union City Dam 124.91 17.51 <			Maxwell Locks and Dam <monongahela river=""></monongahela>	3.83	0.31	1.00	5.15
Montgomery Locks and Dam <ohio river=""> 8.16 0.67 2.14 Morgantown Lock and Dam <monongahela river=""> 0.76 0.06 0.20 Mosquito Creek Lake 383.79 31.51 100.48 New Cumberland Locks and Dam <ohio river=""> 0.58 0.05 0.15 Opekiska Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Pike Island Locks and Dam <monongahela river=""> 0.61 0.05 0.16 Point Marion Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Point Marion Lock and Dam <monongahela river=""> 229.14 18.82 59.99 Shenango River Lake 132.76 10.86 34.64 Stonewall Jackson Lake 132.75 10.90 34.76 Tionesta Lake 161.58 13.27 42.30 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 17.51 55.82</monongahela></monongahela></monongahela></monongahela></ohio></monongahela></ohio>			Michael J Kirwan Dam and Reservoir	93.14	7.20	30.15	130.48
Morgantown Lock and Dam <monongahela river=""> 0.76 0.06 0.20 Mosquito Creek Lake 383.79 31.51 100.48 New Cumberland Locks and Dam <ohio river=""> 0.58 0.05 0.15 Opekiska Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Pike Island Locks and Dam <monongahela river=""> 0.61 0.05 0.16 Point Marion Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Shenango River Lake 132.30 10.86 34.64 Stonewall Jackson Lake 132.75 10.90 34.76 Tionesta Lake 161.58 13.27 42.30 Tionesta Lake 10.90 2.87 0.90 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 17.51 55.82 Youghiogheny River Lake 213.21 17.51 55.82</monongahela></monongahela></monongahela></ohio></monongahela>			Montgomery Locks and Dam <ohio river=""></ohio>	8.16	0.67	2.14	10.97
Mosquito Creek Lake 383.79 31.51 100.48 New Cumberland Locks and Dam <ohio river=""> 13.60 1.12 3.56 Opekiska Lock and Dam <monorgahela river=""> 0.58 0.05 0.15 Pike Island Locks and Dam <monorgahela river=""> 0.61 0.05 0.16 Point Marion Lock and Dam <monorgahela river=""> 0.61 0.05 0.16 Shenango River Lake 132.14 18.82 59.99 Stonewall Jackson Lake 132.75 10.90 34.64 Tionesta Lake 132.75 10.90 34.76 Tygart Lake 10.96 0.90 2.87 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 17.51 55.82 Youghiogheny River Lake 213.21 17.51 55.82</monorgahela></monorgahela></monorgahela></ohio>			Morgantown Lock and Dam <monongahela river=""></monongahela>	0.76	90.0	0.20	1.02
New Cumberland Locks and Dam <ohio river=""> 13.60 1.12 3.56 Opekiska Lock and Dam <monongahela river=""> 0.58 0.05 0.15 Pike Island Locks and Dam <monongahela river=""> 0.61 0.05 0.16 Point Marion Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Shenango River Lake 132.30 10.86 34.64 Stonewall Jackson Lake 132.75 10.90 34.76 Tionesta Lake 161.58 13.27 42.30 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 10.26 32.70 Youghiogheny River Lake 213.21 17.51 55.82</monongahela></monongahela></monongahela></ohio>			Mosquito Creek Lake	383.79	31.51	100.48	515.78
Opekiska Lock and Dam <monongahela river=""> 0.58 0.05 0.15 Pike Island Locks and Dam <ohio river=""> 9.79 0.80 2.56 Point Marion Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Shenango River Lake 132.30 10.86 34.64 Stonewall Jackson Lake 132.75 10.90 34.76 Tionesta Lake 161.58 13.27 42.30 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 10.26 32.70 Youghiogheny River Lake 213.21 17.51 55.82</monongahela></ohio></monongahela>			New Cumberland Locks and Dam <ohio river=""></ohio>	13.60	1.12	3.56	18.27
Pike Island Locks and Dam <ohio river=""> 9.79 0.80 2.56 Point Marion Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Shenango River Lake 229.14 18.82 59.99 Stonewall Jackson Lake 132.30 10.86 34.64 Tionesta Lake 132.75 10.90 34.76 Tygart Lake 161.58 13.27 42.30 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 10.26 32.70 Youghiogheny River Lake 213.21 17.51 55.82</monongahela></ohio>			Opekiska Lock and Dam <monongahela river=""></monongahela>	0.58	0.05	0.15	0.78
Point Marion Lock and Dam <monongahela river=""> 0.61 0.05 0.16 Shenango River Lake 229.14 18.82 59.99 Stonewall Jackson Lake 132.30 10.86 34.64 Tionesta Lake 132.75 10.90 34.76 Tygart Lake 161.58 13.27 42.30 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 10.26 32.70 Youghiogheny River Lake 213.21 17.51 55.82</monongahela>			Pike Island Locks and Dam <ohio river=""></ohio>	9.79	08.0	2.56	13.16
Shenango River Lake 229.14 18.82 59.99 Stonewall Jackson Lake 132.30 10.86 34.64 Tionesta Lake 132.75 10.90 34.76 Tygart Lake 161.58 13.27 42.30 Union City Dam 10.96 0.90 2.87 Woodcock Creek Lake 124.91 10.26 32.70 Youghiogheny River Lake 213.21 17.51 55.82			Point Marion Lock and Dam < Monongahela River>	0.61	0.05	0.16	0.82
e			1	229.14	18.82	59.99	307.95
132.75 10.90 34.76 161.58 13.27 42.30 10.96 0.90 2.87 124.91 10.26 32.70 ike 213.21 17.51 55.82			Stonewall Jackson Lake	132.30	10.86	34.64	177.80
161.58 13.27 42.30 10.96 0.90 2.87 124.91 10.26 32.70 ike 213.21 17.51 55.82			Tionesta Lake	132.75	10.90	34.76	178.41
10.96 0.90 2.87 1.24.91 10.26 32.70 ike 213.21 17.51 55.82			Tygart Lake	161.58	13.27	42.30	217.15
ike 124.91 10.26 32.70 32.70 17.51 55.82 (*		Union City Dam	10.96	06:0	2.87	14.73
ike 213.21 17.51 55.82			Woodcock Creek Lake	124.91	10.26	32.70	167.88
			Youghiogheny River Lake	213.21	17.51	55.82	286.53
							(Sheet 4 of 14)

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MVD Rack Island Consisting Lake 44724 36.73 Lake Finest Number of Lake Fortified MVD Rack Island Consisting Lake 44724 36.73 117.10 601.06 Illinois Waterway 11.20 2.85 1.00 4.56 Illinois Waterway 43.71 2.85 1.00 4.56 Illinois Waterway 452.20 2.89 1.01.80 4.66 Massissippl River Pools 11.22 (10 L&D) 471.27 38.10 122.37 65.207 Iff Support Lower Pools 11.22 (10 L&D) 477.27 38.10 122.37 65.207 Iff Cally Active Carron Dam and Mark Twelf Lake 774.54 48.10 122.37 65.207 Rose Policid Lake 778.52 48.10 122.39 15.64 35.20 Rose Policid Lake 778.52 48.10 122.30 16.62 100.39 Rose Policid Lake 778.52 48.10 122.30 100.39 100.39 Rose Policid Lake 77.03 28.72 16.84 100.38 10.30	Table E4	Table E4 (Continued)					
Rock Island	Divieion	O interior	7		Job Effects (N	umber of Jobs)	
Controlle Lake Control Edition Controlle Lake Control Edition Co	DIVISION	District	Project	Direct	Indirect	Induced	Total
Famical Dann 11,20 0,92 2,93	QAW	Rock Island	Coralville Lake	447.24	36.73	117.10	601.06
Mississippi River Pool No. 5 143.70 16.50 173.40			Farmdale Dam	11.20	0.92	2.93	15.06
Lake Red Rock 433.11 35.56 113.40 Hississippi River Pools 11-22 (10 L&D) 4552.06 373.79 1191.80 # Carryle Lake Carryle Lake 974.04 49.10 202.47 # Carryle Lake 703.53 55.80 194.64 # Clarence Cannon Dam and Mark Twain Lake 703.53 55.80 194.64 # Clarence Cannon Dam and Mark Twain Lake 703.53 55.80 194.64 # Rend Lake Rivers Project - Lower River 196.82 16.16 51.53 Rivers Project - Lower River 113.45 29.15 29.15 Rivers Project - Lower River 113.45 3.14 291.52 Rivers Project - Lower River 113.45 3.22 16.86 Rivers Project - Lower River 113.45 3.22 10.59 Rivers Project - Lower River 113.45 3.32 10.69 All Control Project 77.13 4.55 20.32 Baldhill Dam Lake Ashtabula 77.13 4.55 20.32 Hormus Lake Ashtabula 77.13 4.55			Illinois Waterway	34.72	2.85	60.6	46.66
## Saylovville Lake			Lake Red Rock	433.11	35.56	113.40	582.07
# Sayloville Lake # Carlyle Lake # Carlyle Lake # Clareroc Cannon Dam and Mark Twain Lake # Lake Shelbyville # Clareroc Cannon Dam and Mark Twain Lake # Lake Shelbyville # Rend Lake Rend Lake Rend Lake 194.04 202.47 168.48				4552.06	373.79	1191.80	6117.65
# Carlyle Lake # Clarron Dam and Mark Twain Lake # Clarron Cannon Dam and Mark Twain Lake # Clarron Cannon Dam and Mark Twain Lake # Rend Lake Rivers Project - Lillinois River 156.56 1240 158.48 Rivers Project - Lillinois River 156.96 12.40 39.52 Rivers Project - Lillinois River 1103.45 10.16 51.53 Rivers Project - Lillinois River 1103.45 112.40 39.52 Rivers Project - Lillinois River River 1103.45 112.40 39.52 Rivers Project - Lillinois River River River 1103.45 110.59 Rivers Project - Lillinois River Riv			- 1	471.27	38.10	122.73	632.11
# Clarence Cannon Dam and Mark Twain Lake 705.53 55.80 194.64 # Lake Shelbyville 795.52 49.57 186.48 # Ranci Lake Rivers Project - Lower River 196.82 16.16 51.53 Rivers Project - Lower River 196.82 17.13 65.153 16.16 20.155 Rivers Project - Lower River 150.96 12.40 39.52 Rivers Project - Lower River 150.96 17.13 4.55 Eau Galle Flood Control Project 20.00 20.00 Homme Lake Ashtabula 20.00 20.00 Mississippi River Pool No 1 30.77 2.53 8.06 Mississippi River Pool No 4 357.35 57.35 57.37 211.04 Mississippi River Pool No 5 170.46 19.75 59.53 Mississippi River Pool No 5 170.46 19.75 59.53 Mississippi River Pool No 6 1 142.67 17.34 46.16 Mississippi River Pool No 6 20.00 20.00 Mississippi River Pool No 6 20.00 20.00 Mississippi River Pool No 6 20.00 Mississippi River Pool No 7 142.67 17.34 46.16 Mississippi River Pool No 8 286.42 25.52 74.99 Mississippi River Pool No 9 349.99 28.74 91.62		St. Louis		974.04	49.10	202.47	1225.61
# Lake Shelbyville			ı	703.53	55.80	194.64	953.97
# Rend Lake Rivers Project - Illinois River Rivers Project - Lower River 196.82 16.16 51.53 Rivers Project - Lower River 150.96 12.40 39.52 Rivers Project - Lower River 113.45 14.43 291.52 Rivers Project - Upper River 111.45 14.45 291.52 # Wappapello Lake 764.85 54.19 206.89 Baldhill Dam Lake Ashtabula 77.13 4.55 20.32 Lake Traverse 13.39 1.10 3.51 Lake Traverse 45.17 3.71 11.83 Mississippi River Pool Vut. St Anthony Falls 23.87 1.96 6.25 Mississippi River Pool No 1 30.77 2.53 8.06 Mississippi River Pool No 5 144.87 18.22 46.87 Mississippi River Pool No 5 144.87 17.26 59.53 Mississippi River Pool No 5 144.87 17.26 55.03 Mississippi River Pool No 6 210.17 17.26 55.03 Mississippi River Pool No 6 210.17 17.26 55.03 Mississippi River Pool No 7 142.67 17.94 46.16 Mississippi River Pool No 8 436.46 35.84 114.27 Mississippi River Pool No 9 286.42 23.52 1.99 Mississippi River Pool No 9 286.42 23.52 1.99 Mississippi River Pool No 1 349.95 28.74 91.62 Orwell Lake 7.61 0.62 1.99			Lake Shelbyv	795.52	49.97	158.48	1003.97
Rivers Project - Illinois River 196.82 16.16 51.53 Rivers Project - Lower River 150.96 12.40 39.52 Rivers Project - Lower River 1113.45 91.43 291.52 # Wappapello Lake 764.85 54.19 20.68 Baldhill Dam Lake Ashtabula 77.13 4.55 20.32 Lac Quil Parle Lake 77.13 4.55 20.32 Homme Lake 29.89 2.81 6.97 Lake Traverse 29.89 2.81 6.97 Lake Traverse 45.17 3.71 11.83 Mississippi River Pool No 1 77.50 62.75 22.931 Mississippi River Pool No 2 144.87 18.22 46.87 Mississippi River Pool No 3 335.91 25.82 96.15 Mississippi River Pool No 5 170.46 19.75 55.03 Mississippi River Pool No 6 210.17 17.26 55.03 Mississippi River Pool No 7 142.67 17.94 46.16 Mississippi River Pool No 8 436.46 35.53				847.52	52.57	180.15	1080.24
Rivers Project - Lower River 150.96 12.40 39.52 Rivers Project - Upper River 113.45 91.43 291.52 # Wappapello Lake 77.13 4.55 206.89 Baldhill Dam Lake 77.13 4.55 20.32 Eau Galle Flood Control Project 40.45 3.32 10.59 Homme Lake 29.89 2.81 6.37 Lac Qui Parle Lake 45.17 3.71 11.83 Mississippi River Headwaters Lakes Project 770.50 62.75 229.91 Mississippi River Pool No 1 30.77 2.53 8.06 Mississippi River Pool No 2 144.87 1.82 46.87 Mississippi River Pool No 3 335.91 1.70.46 57.37 21.04 Mississippi River Pool No 5 170.46 19.75 59.53 Mississippi River Pool No 6 210.17 17.26 56.03 Mississippi River Pool No 6 248.46 35.84 14.47 Mississippi River Pool No 9 286.42 28.74 14.99 Mississippi River Pool No				196.82	16.16	51.53	264.52
# Wappapello Lake 113.45 91.43 291.52 # Wappapello Lake 764.85 54.19 206.89 Baldhill Dam Lake Ashtabula 77.13 4.55 20.32 Eau Galle Flood Control Project 40.45 3.32 10.59 Homme Lake 1.39 1.10 3.51 Lac Qui Parle Lake 1.39 1.10 3.51 Mississippi River Headwaters Lakes Project 770.50 62.75 229.91 Mississippi River Pool No 1 37.71 11.83 8.06 Mississippi River Pool No 2 144.87 18.22 46.87 Mississippi River Pool No 3 335.91 2.53 8.06 Mississippi River Pool No 5 170.46 19.75 59.33 Mississippi River Pool No 5 210.17 17.26 55.03 Mississippi River Pool No 6 210.17 17.26 55.03 Mississippi River Pool No 7 2436.46 35.84 141.47 Mississippi River Pool No 9 286.42 23.52 74.99 Mississippi River Pool No 9 286.42				150.96	12.40	39.52	202.89
# Wappapello Lake Baldrilli Dam Lake Ashtabula Baldrilli Dam Lake Ashtabula Eau Galle Flood Control Project Fau Galle Flood Control Project Lac Qui Parle Lake Mississippi River Pool No 1 Mississippi River Pool No 2 Mississippi River Pool No 5 Mississippi River Pool No 6 Mississippi River Pool No 7 Mississippi River Pool No 7 Mississippi River Pool No 7 Mississippi River Pool No 6 Mississippi River Pool No 9 Mississippi River Pool No 10 Mississippi River Pool No 9 Mississippi River Pool No 9 Mississippi River Pool No 10 Mississippi River Pool No 9 Mississippi River Pool No 9 Mississippi River Pool No 10 Mississippi River Pool No 9 Mississippi River Pool No 10 Mississip			Rivers Project	1113.45	91.43	291.52	1496.40
Baldhill Dam Lake Ashtabula 77.13 4.55 20.32 Eau Galle Flood Control Project 40.45 3.32 10.59 Homme Lake 29.89 2.81 6.97 Lac Qui Parle Lake 13.39 1.10 3.51 Mississippi River Headwaters Lakes Project 770.50 62.75 229.91 Mississippi River Pool Vol L St Anthony Falls 23.87 1.96 6.25 Mississippi River Pool No 2 144.87 2.53 8.06 Mississippi River Pool No 3 335.91 25.82 96.15 Mississippi River Pool No 4 557.35 57.97 211.04 Mississippi River Pool No 5 170.46 19.75 59.53 Mississippi River Pool No 6 210.17 17.26 55.03 Mississippi River Pool No 6 210.17 17.34 42.98 Mississippi River Pool No 7 286.42 23.52 74.99 Mississippi River Pool No 8 436.46 35.84 114.27 Mississippi River Pool No 9 286.42 23.52 74.99 Mississippi Ri			Wappapello L	764.85	54.19	206.89	1025.92
od Control Project 40.45 3.32 10.59 Lake 13.39 2.81 6.97 Lake 13.39 1.10 3.51 s		St. Paul		77.13	4.55	20.32	101.99
Lake 29.89 2.81 6.97 Lake 13.39 1.10 3.51 s 45.17 3.71 11.83 ver Headwaters Lakes Project 770.50 62.75 229.91 ver Pool U+L St Anthony Falls 23.87 1.96 6.25 ver Pool No 1 30.77 2.53 8.06 ver Pool No 2 144.87 18.22 46.87 ver Pool No 3 335.91 25.82 96.15 ver Pool No 4 557.35 57.97 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 5 170.46 17.26 55.03 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 1.99 1.99			Eau Galle Flood Control Project	40.45	3.32	10.59	54.36
Lake 13.39 1.10 3.51 aver Headwaters Lakes Project 770.50 62.75 229.91 ver Pool U+L St Anthony Falls 23.87 1.96 6.25 ver Pool No 1 30.77 2.53 8.06 ver Pool No 2 144.87 18.22 46.87 ver Pool No 3 335.91 25.82 96.15 ver Pool No 4 557.35 57.37 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 5 170.46 19.75 59.53 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 28.74 91.62 ver Pool No 9 286.42 28.74 91.62 ver Pool No 10 7.61 0.62 1.99			Homme Lake	29.89	2.81	6.97	39.67
ver Headwaters Lakes Project 770.50 62.75 229.91 ver Pool U+L St Anthony Falls 23.87 1.96 6.25 ver Pool No 1 30.77 2.53 8.06 ver Pool No 2 144.87 2.53 8.06 ver Pool No 3 335.91 25.82 96.15 ver Pool No 4 557.35 57.97 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 5 164.17 13.48 42.98 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 9 349.95 28.74 91.62 ver Pool No 10 349.95 28.74 91.62			Lac Qui Parle Lake	13.39	1.10	3.51	18.00
ver Headwaters Lakes Project 770.50 62.75 229.91 ver Pool U+L St Anthony Falls 23.87 1.96 6.25 ver Pool No 1 30.77 2.53 8.06 ver Pool No 2 144.87 18.22 46.87 ver Pool No 3 335.91 25.82 96.15 ver Pool No 4 557.35 57.97 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 5a 164.17 13.48 42.98 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 28.74 91.62 ver Pool No 10 349.95 28.74 91.62 ver Pool No 10 7.61 0.62 1.99			Lake Traverse	45.17	3.71	11.83	60.71
ver Pool U+L St Anthony Falls 23.87 1.96 6.25 ver Pool No 1 30.77 2.53 8.06 ver Pool No 2 144.87 18.22 46.87 ver Pool No 3 335.91 25.82 96.15 ver Pool No 4 557.35 57.97 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 5 164.17 13.48 42.98 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 ver Pool No 10 349.95 28.74 1.99			Mississippi River Headwaters Lakes Project	770.50	62.75	229.91	1063.16
ver Pool No 1 30.77 2.53 8.06 ver Pool No 2 144.87 18.22 46.87 ver Pool No 3 335.91 25.82 96.15 ver Pool No 4 557.35 57.97 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 9 349.95 28.74 91.62 ver Pool No 10 7.61 0.62 1.99			Mississippi River Pool U+L St Anthony Falls	23.87	1.96	6.25	32.08
ver Pool No 2 144.87 18.22 46.87 ver Pool No 3 335.91 25.82 96.15 ver Pool No 4 557.35 57.97 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 ver Pool No 10 7.61 0.62 1.99			Mississippi River Pool No 1	30.77	2.53	8.06	41.35
ver Pool No 3 335.91 25.82 96.15 ver Pool No 4 557.35 57.97 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 5a 164.17 13.48 42.98 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 ver Pool No 10 7.61 0.62 1.99			Mississippi River Pool No 2	144.87	18.22	46.87	209.95
ver Pool No 4 557.35 57.97 211.04 ver Pool No 5 170.46 19.75 59.53 ver Pool No 5a 164.17 13.48 42.98 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 ver Pool No 10 7.61 0.62 1.99			Mississippi River Pool No 3	335.91	25.82	96.15	457.88
ver Pool No 5 170.46 19.75 59.53 ver Pool No 5a 164.17 13.48 42.98 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 7.61 0.62 1.99			Mississippi River Pool No 4	557.35	57.97	211.04	826.35
ver Pool No 5a 164.17 13.48 42.98 ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 7.61 0.62 1.99			Mississippi River Pool No 5	170.46	19.75	59.53	249.74
ver Pool No 6 210.17 17.26 55.03 ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 ver Pool No 10 7.61 0.62 1.99			Mississippi River Pool No 5a	164.17	13.48	42.98	220.63
ver Pool No 7 142.67 17.94 46.16 ver Pool No 8 436.46 35.84 114.27 ver Pool No 9 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 ver Pool No 10 7.61 0.62 1.99			Mississippi River Pool No 6	210.17	17.26	55.03	282.45
ver Pool No 8 436.46 35.84 114.27 ver Pool No 10 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 7.61 0.62 1.99			Mississippi River Pool No 7	142.67	17.94	46.16	206.77
ver Pool No 10 286.42 23.52 74.99 ver Pool No 10 349.95 28.74 91.62 7.61 0.62 1.99			Mississippi River Pool No 8	436.46	35.84	114.27	586.57
ver Pool No 10 349.95 28.74 91.62 7.61 0.62 1.99			Mississippi River Pool No 9	286.42	23.52	74.99	384.93
7.61 0.62 1.99			Mississippi River Pool No 10	349.95	28.74	91.62	470.30
(Sheet 5 of 14)			Orwell Lake	7.61	0.62	1.99	10.23
							(Sheet 5 of 14)

Poble patch Project Indirect Indicate	Table E4	Table E4 (Continued)					
Polyector Project Indirect Indirect Indirect Total					Job Effects (Nt	umber of Jobs)	
Wicksburg # Adebuila Lake 288.40 1192 74,12 Bayou Bodcau Reservoir 8.25 0.67 2.15 14.82 Caddo Lake 8.25 0.67 2.15 2.15 2.15 Figural Lake 687.67 2.827 116.24 39.77 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 2.187 6.927 1.16.24 3.977 1.16.24 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.977 1.624 3.042 1.624 3.042 1.624 3.042 1.624	Division	District	Project	Direct	Indirect	Induced	Total
Easyou Bodeau Reservoir 65.60 4.65 14.82	MVD (cont)	Vicksburg		288.40	11.92	74.12	374.44
Caddo Lake Be22 0.07 2.15				56.60	4.65	14.82	90'92
# Degray Lake			Caddo Lake	8.22	0.67	2.15	11.05
# Grandel Lake Lake Orachita 151.89 12.47 28.22 116.24				882.94	60.82	222.72	1166.48
# Gererada Lake 65.767 28.22 116.24 Lake Outschilds-Black Rivers (LL&D, Calion Pool) 37.69 35.79 150.96 Outschilds-Black Rivers (LL&D, Calion Pool) 78.59 35.79 150.96 Outschilds-Black Rivers (LL&D, Calion Pool) 78.59 8.44 22.69 Outschilds-Black Rivers (LL&D, Calion Pool) 78.59 8.44 22.69 Outschilds-Black Rivers (LL&D, Calion Pool) 78.59 8.44 22.69 Outschilds-Black Rivers (LL&D, Calion Brod) 102.75 8.34 52.69 Outschilds-Black Rivers (LL&D, Calion Brod) 116.18 8.54 30.42 Red River Waltervaly (5 Locks & Dams) 55.360 23.51 110.27 Wallace Lake 5.20 14.43 55.360 23.51 110.27 Advins Bush - Kettle Creek Lake 6.72 35.4 11.22 Advins Bush - Kettle Creek Lake 7.20 0.06 0.19 Coventraction Lake 8.34 66.72 2.41 1.65 1.69 Coventraction Lake 8.36 0.03 30.06 95.83 Whitney Point 3.36 0.03 30.06 95.83 Reart Sidney Lake 6.75 26.42 2.17 6.52 Whitney Point Bush mountain Lake 8.36 0.30 30.06 95.83 Black Rock Lake 8.36 0.30 30.06 5.44 17.67 Black Rock Lake 9.30 0.66 2.10 3.60 0.66 2.10 Black Rock Lake 9.30 0.66 2.10 Black Rock Lake 19.30 1.64 5.22 1.64 5.22 Black Rock Lake 19.30 1.64 5.22 1.64 5.210 Black Rock Lake 19.30 1.07.45 9.83 4.07 Cape Cod Canel Canel 10.77 6.98 8.40			Enid Lake	266.31	21.87	69.72	357.90
Lake Greeson 151.89 12.47 39.77 Lake Greeson 456.39 36.79 159.86 Cuachita-Black Rivers (4 L&D, Calion Pool) 37.69 36.79 159.86 Cuachita-Black Rivers (4 L&D, Calonmbia Pool) 102.75 8.44 26.80 Cuachita-Black Rivers (4 L&D, Lotesuffia Pool) 116.18 5.25 16.74 30.42 Pearl River (1 L&D, Esleatinal Pool) 116.18 5.25 16.74 30.42 Pearl River (1 L&D, Esleatinal Pool) 15.89 5.25 16.74 30.42 Pearl River (1 L&D, Esleatinal Pool) 15.80 25.51 16.74 30.42 Red River Waterway (5 Locks & Dams) 65.30 25.51 16.74 17.87 Wildiage Lake 4.66 0.37 1.19 1.19 Waleze Lake 4.66 0.37 1.19 1.19 Afvir R Bush - Kettle Greek 46.72 3.84 12.23 1.19 Afvir R Bush - Kettle Greek 46.72 3.84 12.23 1.19 Afvir R Bush - Kettle Greek 39.40 3.24 10.35 1.19 Covernesque Lake 17.85 1.65 1.98 1.05 1.98 Covernesque Lake 26.42 2.17 6.92 1.98 Foster Joseph Sayers Dam 14.89 1.05 5.44 1.23 1.98 Raystown Lake 26.42 2.17 6.92 1.98 Raystown Lake Ball Mountain Lake 19.63 1.61 5.14 19.83 1.64 5.25 10.35 Black Rock Lake 19.83 1.64 5.25 10.35 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.65 1.65 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25 1.64 5.25				637.67	28.22	116.24	782.13
# Lake Outcorties Black Rivers (4 L&D, Calumba Pool) 78.59 36.79 159.96 Councrities Black Rivers (4 L&D, Columba Pool) 78.59 6.45 26.50 Councrities Black Rivers (4 L&D, Columba Pool) 78.59 6.45 20.58 Councrities Black Rivers (4 L&D, Felsenthal Pool) 78.59 6.45 20.58 Councrities Black Rivers (4 L&D, Felsenthal Pool) 78.59 6.45 20.58 Councrities Black Rivers (4 L&D, Felsenthal Pool) 78.59 6.45 20.58 Fed River (3 Locks and Dams) 63.34 5.51 6.74 16.74 Fed River Waterway (5 Locks & Dams) 55.10 4.55 14.43 Fed River Waterway (5 Locks & Dams) 55.10 4.55 14.43 Fed River Waterway (5 Locks & Dams) 55.10 4.55 14.43 Fed River Waterway (5 Locks & Dams) 55.10 4.55 14.43 Fed River Waterway (5 Locks & Dams) 55.10 4.55 10.27 Avin R Bush - Kettle Creek 46.72 3.84 12.23 Avin R Bush - Kettle Creek 46.72 3.84 12.23 Avin R Bush - Kettle Creek 46.72 3.84 12.23 Avin R Bush - Kettle Creek 46.72 3.84 10.35 Coverance and Lake 46.72 2.17 6.52 East Sidney Lake 7.50 30.06 6.45 1.98 Foster Joseph Sayers Dam 10.58 1.05 1.05 1.05 Foster Joseph Sayers Dam 10.58 1.05 1.05 1.05 Whitrey Point 8 Ball Mountain Lake 19.63 1.161 5.14 Black Hourdain Lake 19.63 1.161 5.20 Black Hourdain Lake 19.63 1.161 5.20 Black Hourdain Lake 8.07 1.05 1.05 1.05 Black Hourdain Lake 8.07 1.05 1.05 1.05 1.05 Black Hourdain Lake 8.07 1.05 1.05 1.05 1.05 1.05 Black Hourdain Lake 8.07 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1			Lake Greeson	151.89	12.47	39.77	204.12
Ouachtle-Black Rivers (4 L&D, Calion Pool) 37.69 3.09 9.87 Ouachtle-Black Rivers (4 L&D, Columbia Pool) 78.59 6.45 26.50 Ouachtle-Black Rivers (4 L&D, Fleshard Pool) 78.59 6.45 20.58 Ouachtle-Black Rivers (4 L&D, Jonesville Pool) 116.18 9.54 20.58 Ouachtle-Black Rivers (4 L&D, Jonesville Pool) 116.18 9.54 30.42 Pearl River (3 Locks and Darns) 63.94 5.25 14.43 Earl River (2 Locks and Darns) 63.94 5.25 14.43 Wallace Lake 4.56 0.37 1.19 Almond Lake 4.56 0.37 1.19 Cowanesque Lake 95.14 7.81 24.91 Alvier World Cowanesque Lake 95.14 7.81 10.22 Cowanesque Lake 39.40 3.24 10.32 Cowanesque Lake 39.40 3.24 10.32 Cowanesque Lake 5.66 3.66 3.3 1.66 4.07 Feat Sidney Lake 2.64 2.17 6.92 Feat Sidney Lake 2.64 2.17 6.92 Feat Sidney Lake 39.50 3.06 3.26 10.35 Harry Find Dam 2.64 1.65 1.36 Harry Find Dam 2.64 1.67 5.14 Blanck Rock Lake 8.07 1.96 5.25 Blackwater Dam 8.07 1.93 1.64 5.25 Blackwater Dam 8.07 1.93 1.64 5.25 Blackwater Dam 8.07 0.66 2.10 Blackwater Dam 8.07 0.66 2.10 Blackwater Dam 8.02 0.66 2.10 Blackwater Dam 8.02 0.66 2.10 Cape Cod Canal 1074.59 88.24 281.34				458.39	36.79	159.96	655.14
Duachlita-Black Rivers (4 L&D, Columbia Pool) 78.59 8.44 26.90 Outachlita-Black Rivers (4 L&D, Jonesville Pool) 78.59 6.45 20.58 Outachlita-Black Rivers (4 L&D, Jonesville Pool) 178.59 6.45 20.58 Outachlita-Black Rivers (4 L&D, Jonesville Pool) 16.18 9.54 16.74 30.42 Pearl River (2 Locks and Dams) 55.10 4.52 14.43 16.74 <td></td> <td></td> <td>Ouachita-Black Rivers (4 L&D, Calion Pool)</td> <td>37.69</td> <td>3.09</td> <td>9.87</td> <td>50.65</td>			Ouachita-Black Rivers (4 L&D, Calion Pool)	37.69	3.09	9.87	50.65
Ouachita-Black Rivers (4 L&D. Felsenthal Poot) 78.59 6.45 20.58			Ouachita-Black Rivers (4 L&D, Columbia Pool)	102.75	8.44	26.90	138.09
Peaf River (1 L&D. Jonesville Pool) 116.18 9.54 30.42 Peaf River (3 Locks and Danis) 63.94 5.25 16.74 Red River Vaterway (5 Locks & Danis) 65.10 4.52 11.02 # Sardis Lake 4.56 0.37 1.19 Wallace Lake 4.56 0.37 1.19 Alvining Bush - Kettle Creek Lake 0.73 0.06 0.19 Cowansque Lake 46.72 3.84 12.23 Alvisworth Creek Lake 0.73 0.06 0.19 Cowansque Lake 17.85 1.65 1.98 Cowansque Lake 10.58 1.05 1.05 1.05 Cowanscapule Lake 10.58 1.05 1.05 1.05 East Sidney Lake 10.58 1.05 1.05 1.05 Foster Loseph Sayrs Dam 149.87 12.31 39.24 Foster Colors of Sayrs Dam 149.87 12.31 39.24 Foster Colors of Sayrs Dam 149.87 12.31 39.24 Foster Colors of Sayrs Dam 149.87 12.31 39.24 Foster Munitain Lake 10.58 1.05 5.54 17.67 Barre Falls Dam 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Black Rock Lake 19.93 1.64 5.22 Black Burn Falls Dam 19.63 2.63 8.40 Burning Lake 2.00 2.63 8.40 Cape Cod Canal 10.74.59 88.24 281.34			Ouachita-Black Rivers (4 L&D, Felsenthal Pool)	78.59	6.45	20.58	105.63
Red River (3 Locks and Dams) 69.94 5.25 16.74 Red River Waterway (5 Locks & Dams) 55.10 4.52 14.43 # Sardis Lake 55.380 23.51 11.027 Wallace Lake 4.56 0.37 1.19 Almond Lake 95.14 7.81 24.91 Alvin R Bush - Kettle Creek 46.72 3.84 12.23 Aylesworth Creek Lake 0.73 0.06 0.19 Cowanaeque Lake 10.73 1.05 1.05 Curwensville Lake 10.89 1.05 4.07 East Sidney Lake 10.68 1.05 4.07 Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 26.42 2.17 6.92 Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 26.42 2.17 6.92 Whitney Phoint 46.75 2.17 6.92 Whitney Phoint 8ell Mountain Lake 19.63 1.61 5.14			Ouachita-Black Rivers (4 L&D, Jonesville Pool)	116.18	9.54	30.42	156.14
Red River Waterway (5 Locks & Dams) 55.10 4.52 14.43 # Sardis Lake 553.80 23.51 110.27 Wallace Lake 4.56 0.37 1.19 Avina R Bush - Kettle Creek 46.72 3.84 12.23 Aylesworth Creek Lake 0.73 0.06 0.19 Cowanosque Lake 0.73 0.06 0.19 Cowanosque Lake 17.85 1.65 4.07 Cowanosque Lake 17.85 1.65 4.07 Cowanosque Lake 17.85 1.65 4.07 Cowanosque Lake 16.58 1.05 4.07 Cowanosque Lake 17.85 1.65 4.07 Foster Joseph Sayers Dam 26.42 2.17 6.92 Mew England Barra Falls Dam 36.03 32.64 17.67 New England			Pearl River (3 Locks and Dams)	63.94	5.25	16.74	85.93
# Sardis Lake 553.80 23.51 110.27 Wallace Lake 4.56 0.37 1.19 Advin R Bush - Kettle Creek 45.7 7.81 24.91 Advin R Bush - Kettle Creek 0.73 0.06 0.19 Cowarnesque Lake 0.73 0.06 0.19 Cowarnesque Lake 17.85 1.65 1.08 Curwensville Lake 17.85 1.65 1.98 East Sidney Lake 10.58 1.05 4.07 Fester Joseph Sayers Dam 149.87 1.231 39.24 Jamings Randolph Lake 264.2 2.17 6.92 # Raystown Lake 36.03 30.06 55.84 17.67 Whitney Point 36.03 30.06 55.44 17.67 Whitney Point Barc Falls Dam 38.57 16.1 5.14 Barck Rock Lake 19.63 1.61 5.14 19.53 Barck Mock Lake 32.09 2.65 2.10 2.65 Bark Water Palls Dam 8.05 2.65			Red River Waterway (5 Locks & Dams)	55.10	4.52	14.43	74.05
Wallace Lake 4.56 0.37 1.19 Almond Lake 46.72 3.84 12.33 Alwin R Bush - Kettle Creek 46.72 3.84 12.23 Alylesworth Creek Lake 0.73 0.06 0.19 Cowannesque Lake 17.85 1.65 1.03 Cowannesque Lake 17.86 1.65 1.68 Cowannesque Lake 17.86 1.05 4.07 Cowannesque Lake 10.58 1.05 4.07 Cowannesque Lake 28.42 1.05 4.07 Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 28.42 2.17 6.92 # Raystown Lake 87.06 5.54 17.67 Whitney Point 88.10 38.52 3.25 10.35 Whitney Point Barre Falls Dam 38.22 2.81 8.97 Birch Hill Dam 18.62 1.64 5.22 1 Birch Rock Lake 8.02 0.66 2.10 1				553.80	23.51	110.27	687.58
Baltimore Almond Lake 95.14. 7.81 24.91 Alvin R Bush - Kettle Creek 46.72 3.84 12.23 Aylesworth Creek Lake 0.73 0.06 0.19 Cowanesque Lake 17.36 1.65 1.03 Curwensville Lake 17.36 1.05 4.07 Foster Joseph Sayers Dam 149.87 1.05 4.07 Foster Joseph Sayers Dam 26.42 2.17 6.92 Jennings Randolph Lake 26.42 2.17 6.92 # Raystown Lake 366.03 30.06 95.83 Toga-Hammond Lakes 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Barre Falls Dam 34.27 2.81 8.97 Birch Hill Dam 34.27 2.81 8.97 Black Areke Blackwater Dam 8.02 0.66 2.10 Buffurmylile Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34			Wallace Lake	4.56	0.37	1.19	6.12
Alvin R Bush - Kettle Creek 46.72 3.84 12.23 Aylesworth Creek Lake 0.73 0.06 0.19 Cowanesque Lake 17.85 1.65 1.98 Curvensville Lake 10.58 1.05 4.07 East Sidney Lake 10.58 1.05 4.07 Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 26.42 2.17 6.92 # Raystown Lake 36.03 30.06 95.83 Tiga-Hammond Lakes 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 39.52 3.25 10.35 Barre Falls Dam 19.63 1.61 5.14 Birch Hill Dam 136.23 11.19 35.67 Black Rock Lake 8.02 0.66 2.10 Buffurnville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34	NAD	Baltimore	Almond Lake	95.14.	7.81	24.91	127.86
Aylesworth Creek Lake 0.73 0.06 0.19 Cowanesque Lake 39.40 3.24 10.32 Curwensville Lake 17.85 1.65 1.98 East Sidney Lake 10.58 1.05 4.07 Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 26.42 2.17 6.92 # Raystown Lake 366.03 30.06 95.83 Tioga-Hammond Lakes 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 19.63 1.61 5.14 Barre Falls Dam 34.27 2.81 8.97 Black Rock Lake 136.23 1.61 5.14 Black Rock Lake 8.02 0.66 2.10 Buffurmville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34				46.72	3.84	12.23	62.78
Cowanesque Lake 39.40 3.24 10.32 Curwensville Lake 17.85 1.65 1.98 East Sidney Lake 10.58 1.05 4.07 Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 26.42 2.17 6.92 # Raystown Lake 366.03 30.06 95.83 Whitney Point 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 19.63 1.61 5.14 Barre Falls Dam 34.27 2.81 8.97 Birch Hill Dam 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Buffunwille Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34				0.73	90.0	0.19	0.98
Curwensville Lake 17.85 1.65 1.98 East Sidney Lake 10.58 1.05 4.07 Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 26.42 2.17 6.92 # Raystown Lake 366.03 30.06 95.83 Whitney Point 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 19.63 1.61 5.14 Ball Mountain Lake 34.27 2.81 8.97 Black Rock Lake 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Buffurnville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34				39.40	3.24	10.32	52.95
East Sidney Lake 10.58 1.05 4.07 Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 26.42 2.17 6.92 # Raystown Lake 366.03 30.06 95.83 Tioga-Hammond Lakes 67.50 5.54 17.67 Whitney Point 19.63 1.61 5.14 Ball Mountain Lake 34.27 2.81 8.97 Balrch Hill Dam 136.23 11.19 35.67 Black Rock Lake 8.02 0.66 2.10 Black Rock Lake 8.02 0.66 2.10 Black Rock Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34				17.85	1.65	1.98	21.47
Foster Joseph Sayers Dam 149.87 12.31 39.24 Jennings Randolph Lake 26.42 2.17 6.92 # Raystown Lake 366.03 30.06 95.83 Tioga-Hammond Lakes 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 19.63 1.61 5.14 Barre Falls Dam 34.27 2.81 8.97 Birch Hill Dam 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Blackwater Dam 8.02 0.66 2.10 Buffurmville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34			East Sidney Lake	10.58	1.05	4.07	15.70
Jennings Randolph Lake 26.42 2.17 6.92 # Raystown Lake 366.03 30.06 95.83 Tioga-Hammond Lakes 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 19.63 1.61 5.14 Ball Mountain Lake 34.27 2.81 8.97 Barre Falls Dam 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Blackwater Dam 8.02 0.66 2.10 Buffurmville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34			Foster Joseph Sayers Dam	149.87	12.31	39.24	201.42
# Raystown Lake 366.03 30.06 95.83 Tioga-Hammond Lakes 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 19.63 1.61 5.14 Barre Falls Dam 34.27 2.81 8.97 Birch Hill Dam 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Blackwater Dam 8.02 0.66 2.10 Buffurnville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34			Jennings Randolph Lake	26.42	2.17	6.92	35.50
Tioga-Hammond Lakes 67.50 5.54 17.67 Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 19.63 1.61 5.14 Barre Falls Dam 34.27 2.81 8.97 Birch Hill Dam 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Blackwater Dam 8.02 0.66 2.10 Buffurnville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34				366.03	30.06	95.83	491.92
Whitney Point 39.52 3.25 10.35 Ball Mountain Lake 19.63 1.61 5.14 Barre Falls Dam 34.27 2.81 8.97 Birch Hill Dam 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Blackwater Dam 8.02 0.66 2.10 Buffumville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34	-		Tioga-Hammond Lakes	67.50	5.54	17.67	90.72
Ball Mountain Lake 19.63 1.61 5.14 Barre Falls Dam 34.27 2.81 8.97 Birch Hill Dam 136.23 11.19 35.67 Black Rock Lake 19.93 1.64 5.22 Blackwater Dam 8.02 0.66 2.10 Buffurnville Lake 32.09 2.63 8.40 Cape Cod Canal 1074.59 88.24 281.34			Whitney Point	39.52	3.25	10.35	53.11
34.27 2.81 8.97 136.23 11.19 35.67 19.93 1.64 5.22 8.02 0.66 2.10 32.09 2.63 8.40 1074.59 88.24 281.34		New England	Ball Mountain Lake	19.63	1.61	5.14	26.38
136.23 11.19 35.67 19.93 1.64 5.22 8.02 0.66 2.10 32.09 2.63 8.40 1074.59 88.24 281.34			Barre Falls Dam	34.27	2.81	8.97	46.05
19.93 1.64 5.22 8.02 0.66 2.10 32.09 2.63 8.40 1074.59 88.24 281.34			Birch Hill Dam	136.23	11.19	35.67	183.09
8.02 0.66 2.10 32.09 2.63 8.40 1074.59 88.24 281.34			Black Rock Lake	19.93	1.64	5.22	26.79
32.09 2.63 8.40 1074.59 88.24 281.34			Blackwater Dam	8.02	99.0	2.10	10.78
1074.59 88.24 281.34			Buffumville Lake	32.09	2.63	8.40	43.12
(Sheet 6 of 14)			Cape Cod Canal	1074.59	88.24	281.34	1444.18
			and the state of t				(Sheet 6 of 14)

Table E4	Table E4 (Continued)					
				Job Effects (1	Job Effects (Number of Jobs)	
Division	District	Project	Direct	Indirect	Induced	Total
NAD (cont)	New England (cont)	Charles River Natural Valley Storage Project	14.97	1.23	3.92	20.12
		Colebrook River Lake	38.93	3.20	10.19	52.33
		Conant Brook Dam	7.22	0.59	1.89	9.70
		East Brimfield Lake	38.17	3.13	6.99	51.30
		Edward Macdowell Lake	16.08	1.32	4.21	21.61
		Franklin Falls Dam	10.37	0.85	2.72	13.94
		Hancock Brook Lake	2.76	0.23	0.72	3.71
		Hodges Village Dam	23.36	1.92	6.12	31.40
		Hop Brook Lake	42.87	3.52	11.22	57.61
		Hopkinton-Everett Lake	116.68	9:58	30.55	156.81
		Knightville Dam	7.96	0.65	2.08	10.69
		Littleville Lake	13.49	1.11	3.53	18.13
		Mansfield Hollow Lake	176.72	14.51	46.27	237.49
		North Hartland Lake	10.19	0.84	2.67	13.69
		North Springfield Lake	9.01	0.74	2.36	12.10
		Northfield Brook Lake	11.04	0.91	2.89	14.84
		Otter Brook Lake	13.22	1.09	3.46	17.76
		Surry Mountain Lake	24.29	1.99	6.36	32.64
		Thomaston Dam	27.88	2.29	7.30	37.47
		Townshend Lake	11.03	0.91	2.89	14.83
		Tully Lake	4.82	0.40	1.26	6.47
		Union Village Dam	68.9	0.57	1.80	9.26
		West Hill Dam	19.52	1.60	5.11	26.23
		West Thompson Lake	31.50	2.59	8.25	42.33
		Westville Lake	15.31	1.26	4.01	20.58
	Norfolk	AIW Albemarle and Ches and Dismal Swamp Canal	92.87	7.63	24.31	124.81
		Gathright Dam-Lake Moomaw	9:30	0.76	2.44	12.50
	Philadelphia	Beltzville Lake	136.54	11.21	35.75	183.50
		# Blue Marsh Lake	177.38	14.57	46.44	238.38
		Francis E Walter Dam	102.44	8.41	26.82	137.67
		IWW Delaware R to Chesapeake Bay C + D Canal	81.63	6.70	21.37	109.70
		Prompton Lake	17.51	1.44	4.58	23.53
						(Sheet 7 of 14)

Kansas City Blue Springs Lake Clinton Lake 2 Hardan County Lake 1 Hillsdale Lake Kanopolis Lake Hillsdale Lake Kanopolis Lake Long Branch Lake 6 Melvern Lake 7 Perry Lake 7 Perry Lake 7 Pomme De Terre Lake 8 Pomme De Terre Lake 7 Pomma Lake 8 # Shockton Lake 8 Wilson Lake 8 Wilson Lake 9 Bear Creek Lake 9 Bulusstem Lake 9 Browman Haley Lake 9 Browman Haley Lake 9 Browman Haley Lake 9 Cold Brook Lake 10 Fort Fort Pocket Lake 10 Fort Fort Sakakawea 10 Fort Fort Pocket 10	Indirect	Induced	Total
Clinton Lake Harlan County Lake Harlan County Lake Hillsdale Lake Kanopolis Lake Long Branch Lake Hower Lake Hower De Terre Lake Perry Lake Homona Lake Homona Lake Homona Lake Bomona Lake Homona Lake Comaha Hollson Lake Homona Lake Homona Lake Homona Lake Cold Bood Lake Homona Lake Bowman Haley Lake Bowanan Lake Sakakawea	7.31	23.32	119.71
# Harry S Truman Dam and Reservoir # Harry S Truman Dam and Reservoir 6 Hillsdale Lake Kanopolis Lake Longview Lake Longview Lake Melvern Lake Perry Lake # Milford Lake Perry Lake # Pomme De Terre Lake # Pomme De Terre Lake # Smithville Lake # Smithville Lake # Stockton Lake # Stockton Lake Bear Creek Lake Wilson Lake Bear Creek Lake Burstem Lake Branched Oak Lake Cold Brook Lake Farencis Case Cold Brook Lake Gottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea # Gavins Point Project	22.69	72.35	371.36
# Harry S Truman Dam and Reservoir 6 Hillsdale Lake Kanopolis Lake Long Branch Lake Long Branch Lake # Milford Lake Perry Lake # Pomme De Terre Lake Pomona Lake # Rathbun Lake # Siockton Lake # Siockton Lake # Siockton Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Buluestem Lake Bear Creek Lake # Chaffield Lake # Chaffield Lake # Cold Brook Lake # Cold Brook Lake # Cold Brook Lake # Cold Brook Lake # Cottonwood Springs Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea # Garrison Dam Lake Sakakawea	13.94	44.46	228.21
Hillsdale Lake Kanopolis Lake Long Branch Lake Longview Lake Melvern Lake Melvern Lake # Milford Lake Perry Lake # Pomme De Terre Lake Perry Lake # Rathbun Lake # Smithville Lake # Smithville Lake # Sinckton Lake # Sinckton Lake Bear Creek Lake Wilson Lake Bluestern Lake Bluestern Lake Bluestern Lake Bluestern Lake Cold Brook Lake # Charffield Lake # Charffield Lake # Charffield Lake # Cold Brook Lake Cold Brook Lake Cold Brook Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea # Garrison Dam Lake Sakakawea	53.71	171.24	879.00
Kanopolis Lake Long Branch Lake Longview Lake Melvern Lake # Milford Lake Perry Lake Pomme De Terre Lake # Rathbun Lake # Smithville Lake # Smithville Lake # Siockton Lake # Siockton Lake Bear Creek Lake Wilson Lake Bear Creek Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Bluestern Lake Bowman Haley Lake Bowman Haley Lake Branched Oak Lake Branched Oak Lake Branched Oak Lake Cold Brook Lake For Peck Project Fort Peck Project Fort Randall Dam Lake Sakakawea # Garrison Dam Lake Sakakawea	7.69	24.51	125.81
Long Branch Lake Longview Lake Melvern Lake Melvern Lake # Milford Lake Perry Lake Pomona Lake # Stockton Lake # Stockton Lake Bear Creek Lake Wilson Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Branched Oak Lake	5.37	17.11	87.85
Longview Lake Melvern Lake # Milford Lake Perry Lake Perry Lake Pomona Lake # Rathbun Lake # Stockton Lake Wilson Lake Bear Creek Lake Wilson Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Bluestem Lake Branched Oak Lake Branched Oak Lake Cold Brook Lake Branched Oak Lake	7.13	22.74	116.73
Melvern Lake # Milford Lake Perry Lake # Pomma De Terre Lake Pomona Lake # Smithville Lake # Stockton Lake Wilson Lake Bear Creek Lake Wilson Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Bluestem Lake Bear Creek Lake Cold Brook Lake # Cherry Creek Lake Cold Brook Lake # Cherry Creek Lake Cold Brook Lake # Cohestoga Lake Conestoga Lake	17.77	26.67	290.90
# Milford Lake Perry Lake # Pomme De Terre Lake # Pomona Lake # Rathbun Lake # Smithville Lake # Stockton Lake # Stockton Lake Bear Creek Lake Wilson Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Branched Oak Lake # Chatfield Lake # Chorry Creek Lake Cold Brook Lake # Chorry Creek Lake Cold Brook Lake # Cherry Creek Lake Cold Brook Lake # Chatfield Lake God Brook Lake Cold Brook Lake Cold Brook Lake God Brook Lake Cold Brook Lake God Brook Lake Coda Brook Lake God Brook Lake God Brook Lake Coda Brook Lake God Brook Lake # Gavings Lake # Gavins Point Project # Gavins Point Project	10.35	33.00	169.40
Perry Lake # Pomme De Terre Lake Pomona Lake # Rathbun Lake # Smithville Lake # Stockton Lake # Stockton Lake Wilson Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Bluestem Lake Branched Oak Lake # Cherry Creek Lake Cold Brook Lake # Cherry Creek Lake Cold Brook Lake # Cherry Creek Lake Cold Brook Lake Fort Peck Project Fort Peck Project Fort Peck Project Garrison Dam Lake Sakakawea # Gavins Point Project	13.36	42.59	218.63
# Pomme De Terre Lake Pomona Lake # Rathbun Lake # Smithville Lake # Stockton Lake # Stockton Lake Wilson Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Bluestem Lake Branched Oak Lake # Chaffield Lake # Chaffield Lake # Cold Brook Lake Cold Brook Lake Cold Brook Lake # Cherry Creek Lake Conestoga Lake Conestoga Lake Conestoga Lake Conestoga Lake Conestoga Lake Cotonwood Springs Lake Fort Rendall Dam Lake Francis Case Garrison Dam Lake Sakakawea	22.24	70.90	363.94
Pomona Lake # Rathbun Lake # Smithville Lake # Stockton Lake Wilson Lake Bear Creek Lake Bluestem Lake Bluestem Lake Branched Oak Lake Cold Brook Lake # Chatfield Lake # Chatfield Lake # Chorry Creek Lake Cottonwood Springs Lake Cottonwood Springs Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea # Gavins Point Project	51.71	164.87	846.29
# Rathbun Lake # Smithville Lake # Stockton Lake Wilson Lake Wilson Lake Bear Creek Lake Bluestem Lake Bluestem Lake Branched Oan Lake Branched Oak Lake Cold Brook Lake # Charffield Lake # Cherry Creek Lake Cottonwood Springs Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea # Gavins Point Project	15.34	48.90	251.00
# Smithville Lake # Stockton Lake Tuttle Creek Lake Wilson Lake Bear Creek Lake Bluestem Lake Bluestem Lake Bowman Haley Lake Branched Oak Lake # Charffield Lake # Cherry Creek Lake Cold Brook Lake Cottonwood Springs Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea # Gavins Point Project	15.54	49.55	254.34
# Stockton Lake Tuttle Creek Lake Wilson Lake Bear Creek Lake Bear Creek Lake Bluestem Lake Bluestem Lake Bowman Haley Lake Branched Oak Lake Cold Brook Lake # Cherry Creek Lake Cold Brook Lake Cottonwood Springs Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea	34.25	109.20	560.53
Tuttle Creek Lake Wilson Lake Bear Creek Lake # Big Bend Dam Lake Sharpe Bluestem Lake Bowman Haley Lake Branched Oak Lake # Charfield Lake # Chold Brook Lake Cold Brook Lake Cold Brook Lake Cottonwood Springs Lake Fort Peck Project Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea # Gavins Point Project	31.62	100.82	517.52
Wilson Lake Bear Creek Lake Bluestem Lake Bluestem Lake Branched Oak Lake Branched Oak Lake Cold Brook Lake Cold Brook Lake Cold Brook Lake Cottonwood Springs Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea	15.53	49.51	254.16
Bear Creek Lake # Big Bend Dam Lake Sharpe Bluestem Lake Bowman Haley Lake Branched Oak Lake # Charffeld Lake # Cherry Creek Lake Cold Brook Lake Cold Brook Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea	5.62	17.90	91.90
# Big Bend Dam Lake Sharpe Bluestem Lake Bluestem Lake Bowman Haley Lake Branched Oak Lake # Chatfield Lake # Cherry Creek Lake Cold Brook Lake Cottonwood Springs Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea # Gavins Point Project	5.31	16.25	120.33
Bluestem Lake Bowman Haley Lake Branched Oak Lake Chatfield Lake Cherry Creek Lake Cold Brook Lake Conestoga Lake Conestoga Lake Contronwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	31.10	99.16	508.99
Bowman Haley Lake Branched Oak Lake Chaffield Lake Cherry Creek Lake Cold Brook Lake Conestoga Lake Contonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	0.46	1.46	7.51
Branched Oak Lake Chatfield Lake Cherry Creek Lake Cold Brook Lake Conestoga Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	0.84	2.69	13.80
Cherry Creek Lake Cold Brook Lake Cold Brook Lake Conestoga Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	5.64	17.98	92.29
Cherry Creek Lake Cold Brook Lake Conestoga Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Garvins Point Project	32.58	119.26	671.45
Cold Brook Lake Conestoga Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	72.80	232.11	1191.45
Conestoga Lake Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	08.0	2.56	13.15
Cottonwood Springs Lake Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	0.85	2.70	13.86
Fort Peck Project Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	0.18	0.56	2.88
Fort Randall Dam Lake Francis Case Garrison Dam Lake Sakakawea Gavins Point Project	9.61	30.63	157.20
Garrison Dam Lake Sakakawea Gavins Point Project	22.21	70.80	363.42
Gavins Point Project	37.70	120.19	616.97
2000	22.81	72.08	608.73
Glenn Cunningham Lake 44.18	3.63	11.57	59.38
Holmes Lake 109.52	8.99	28.67	147.19

NWD (cont) Omaha (cont) Portland	# # #	Oahe Dam Lake Oahe Olive Creek Lake Pawnee Lake Pipestem Lake Site 10 Yankee Hill Lake Saltcreek Tributary Snyder-Winnebago	Direct 522.00	Job Effects (N Indirect 42.86	Job Effects (Number of Jobs) ect Induced	Total
NWD (cont) Omaha (cont) Portland		Dahe iil Lake Saltcreek Tributary to	Direct 522.00	Indirect 42.86	Induced	Total
NWD (cont) Omaha (con	#	Dahe iil Lake Saltcreek Tributary to	522.00	42.86	400.67	
Portland		ill Lake Saltcreek Tributary	0.01		136.6/	701.54
Portland		ill Lake Saltcreek Tributary	3.97	0.33	1.04	5.34
Portland		iil Lake Saltcreek Tributary	40.10	3.29	10.50	53.89
Portland		ill Lake Saltcreek Tributary	23.82	1.96	6.24	32.01
Portland		or	5.34	0.44	1.40	7.18
Portland			23.03	1.89	6.03	30.95
Portland			4.66	0.38	1.22	6.26
Portland		ke	29.46	2.42	7.71	39.59
Portland			4.74	0.39	1.24	6.37
Portland			6.54	0.74	1.72	00.6
Portland			81.68	6.71	21.38	109.77
Portland			97.44	8.00	25.51	130.95
			15.46	1.27	4.05	20.77
		ınd Dam	874.59	71.82	228.98	1175.39
	Cottage Grove Lake	ıke	148.14	12.16	38.79	199.09
	Cougar Lake		20.63	1.69	5.40	27.73
	Detroit Lake		7.31	09:0	1.92	9.83
	Dexter Lake		155.39	11.72	39.40	206.51
	Dorena Lake		114.77	9.42	30.05	154.24
	Fall Creek Lake		20.83	1.34	5.02	27.19
	Fern Ridge Lake		284.12	23.33	74.39	381.84
	Foster Lake		181.19	14.88	47.44	243.50
	Green Peter Lake		91.35	7.50	23.92	122.77
			4.19	0.34	1.10	5.63
	# John Day Lock ar	John Day Lock and Dam, Lake Umatilla	632.55	51.94	165.61	850.10
	Lookout Point Lake	ке	20.06	4.11	13.11	67.27
	Lost Creek Lake	Lost Creek Lake	193.00	15.85	50.53	259.38
	# The Dalles Lock a	and Dam, Lake Celilo	313.48	25.74	82.07	421.30
	Willamette Falls Locks	-ocks	15.85	1.30	4.15	21.31
	Willow Creek		12.58	1.03	3.29	16.90
Seattle	Albeni Falls Dam	and Lake Pend Oreille	80.55	6.61	21.09	108.26
	Chief Joseph Dar	Chief Joseph Dam and Rufus Woods Lake	45.96	3.77	12.03	61.76
	Keystone Harbor		249.94	20.52	65.44	335.90
	Lake Washington Ship Canal	Ship Canal	456.13	37.46	119.42	613.01
						(Sheet 9 of 14)

Table E4	Table E4 (Continued)	The state of the s				
				Job Effects (N	Job Effects (Number of Jobs)	
Division	District	Project	Direct	Indirect	Induced	Total
NWD (cont)	NWD (cont) Seattle (cont)	Libby Dam and Lake Koocanusa	81.44	69.9	21.32	109.45
,	•	Mud Mountain Dam Project White River	30.11	2.47	7.88	40.46
	Walla Walla		73.39	6.03	19.22	98.63
			155.83	12.80	40.80	209.42
		Little Goose Lock & Dam, Lake Bryan	65.13	5.35	17.05	87.53
		i# Lower Granite Lock & Dam	325.84	26.76	85.31	437.91
		Lower Monumental Lock & Dam, Lake West	53.57	4.40	14.03	72.00
		Lucky Peak Lake	252.47	31.78	93.89	378.15
		# McNary Lock & Dam, Lake Wallula	1231.58	101.13	322.45	1655.16
		Mill Creek Lake	47.78	3.92	12.51	64.21
Pob	Alaska	Chena River Lakes	43.90	3.60	11.49	58.99
SAD	Jacksonville	Fernandina Harbor	18.04	1.48	4.72	24.24
		Four River Basins	77.46	6.36	20.28	104.10
		! Lake Okeechobee and Waterway	2358.27	193.65	617.43	3169.36
		Miami Harbor	13.21	1.08	3.46	17.75
	Mobile	Alabama River Lakes Claiborne	75.59	6.21	19.79	101.58
		# Alabama River Lakes Dannelly	622.60	40.15	118.82	781.57
		# Alabama River Lakes Woodruff	526.09	52.99	116.02	695.11
		# Allatoona Lake	1592.33	159.45	328.93	2080.70
		Black Warrior and Tombigbee Lakes	1392.08	114.31	364.47	1870.85
		Carters Lake	224.05	18.40	58.66	301.11
		George W. Andrews Lake	141.81	11.64	37.13	190.59
		# Lake Seminole	347.41	22.93	76.27	446.61
		# Lake Sidney Lanier	2209.94	217.79	706.73	3134.46
		Okatibbee Lake	312.97	25.70	81.94	420.61
		! Tennessee-Tombigbee Waterway	1085.05	89.10	284.08	1458.24
		i# Walter F. George Lake	2187.00	154.01	509.56	2850.57
		# West Point Project	687.21	58.62	186.39	932.22
	Savannah	<u>.</u> .	3303.01	313.87	885.42	4502.29
		# J. Strom Thurmond Lake	2067.88	182.24	511.57	2761.70
-		New Savannah Bluff Lock and Dam	38.99	3.20	10.21	52.40
		Richard B Russell Dam and Lake	415.02	34.08	108.66	557.76
						(Sheet 10 of 14)
					100	

Division District SAD (cont) Wilmington				Job Effects	Job Effects (Number of Jobs)	
SAD (cont) Wilmingto		***			(144111111) VI VONE,	
SAD (cont) Wilmingto		Project	Direct	Indirect	Induced	Total
	#		377.43	18.13	76.48	472.04
		Cape Fear River <3 Locks and Dams>	20.59	1.69	5.39	27.68
	#		176.59	8.23	34.26	219.09
-	#		904.47	52.21	224.85	1181.53
	#		302.03	19.87	65.51	387.42
	#	ı	358.20	15.61	75.57	449.38
SPD Albuquerque	enb	Abiquiu Dam	26.32	2.16	68.9	35.37
		Cochiti Lake	81.95	6.73	21.46	110.13
		Conchas Lake	51.25	4.21	13.42	68.88
		Galisteo Dam	1.28	0.11	0.34	1.73
		Jemez Canyon Dam	4.71	0.39	1.23	6.33
	<u></u>	John Martin Dam	98.83	8.12	25.87	132.81
		Santa Rosa Dam and Lake	25.32	2.08	6.63	34.03
		Trinidad Lake	45.26	3.72	11.85	60.83
		Two Rivers Dam	0.49	0.04	0.13	99.0
Los Angeles	les	Alamo Lake	110.44	9.07	28.91	148.42
		Brea Dam	78.99	6.49	20.68	106.15
		Carbon Canyon Dam	71.36	5.86	18.68	95.91
		Fullerton Dam	79.99	6.57	20.94	107.50
	#		233.33	33.16	79.88	346.36
	i	Mojave River Dam	5.38	0.44	1.41	7.23
		Painted Rock Dam	0.00	0.00	0.00	0.00
		Prado Dam	117.32	9.63	30.72	157.67
		Salinas Dam Santa Margarita Lake	39.20	3.22	10.26	52.68
	J		112.32	9.22	29.41	150.95
	#		429.81	61.08	147.15	638.04
	#		490.67	70.41	171.16	732.24
Sacramento			44.12	2.68	10.41	57.21
	#		20.00	2.10	4.45	26.56
	#		33.84	2.78	8.86	45.48
	#]	Hensley Lake	37.53	1.92	7.58	47.04
	#]	ļ	129.13	13.58	28.74	171.45
		Martis Creek Lake	7.28	0.68	2.64	10.61
						(Sheet 11 of 14)

1 2 2 2			Job Effects (Number of Jobs)	ber of Jobs)		
Division	District	Project	Direct	Indirect	Induced	Total
æ	Sacramento (cont)	# New Hogan Lake	80.81	6.64	21.16	108.61
_			127.03	10.43	33.26	170.72
		Stanislaus River Parks	122.80	8.44	36.81	168.04
		# Success Lake	122.68	14.45	37.13	174.26
1	San Francisco		202.72	16.65	53.07	272.44
			117.04	10.32	33.69	161.06
		S F Bay Model Regional Visitor Center	43.01	2.14	8.60	53.75
OMS	Fort Worth		20.77	1.71	5.44	27.91
		Bardwell Lake	156.57	12.86	40.99	210.42
		# Belton Lake	743.24	57.41	154.02	954.67
			363.31	29.83	95.12	488.26
		# Canyon Lake	377.02	41.68	120.13	538.82
			82.59	6.78	21.62	110.99
-		# Ferrells Bridge Dam Lake O' The Pines	351.68	28.27	103.59	483.54
		Granger Lake	112.92	9.27	29.56	151.76
		# Grapevine Lake	405.30	42.45	104.17	551.92
			152.26	12.50	39.86	204.63
		# Joe Pool Lake	235.44	24.75	57.20	317.39
			193.41	15.88	50.64	259.93
		# Lavon Lake	416.75	44.63	93.94	555.31
		1	817.30	85.89	223.73	1126.91
			171.48	14.08	44.90	230.45
		O. C. Fisher Lake	272.41	22.37	71.32	366.10
		Proctor Lake	111.47	9.15	29.18	149.81
		Ray Roberts Lake	778.27	63.91	203.76	1045.94
		# Sam Rayburn Reservoir	604.01	43.17	158.75	805.93
		Somerville Lal	468.28	34.08	103.99	606.35
		Stillhouse Hollow Reservoir	138.33	11.36	36.22	185.91
		Town Bluff Dam B. A. Steinhagen Lake	117.60	99.6	30.79	158.04
		i# Waco Lake	553.13	51.18	167.01	771.32
		1	402.18	33.08	137.17	572.43
		# Wright Patman Dam and Lake	368.99	31.23	112.93	513.14
		# Addicks Dam	424.63	41.23	107.36	573.23
		ļ				(173 071 10)

SWD (com) General Calvage John Effects (Multiplied of Labba) Act of Effects (Multiplied of Labba) Total and Labba (Labba) Act of Labba (Labba)	Table E4	Table E4 (Continued)					
Froject Indirect	Divieion	District			Job Effects (Number of Jobs)	
## Barker Dam ## Barker Dam Wallisville Reservoir 5130 ## Baevar Lake ## Bull Mountain Lake ## Bull Mountain Lake ## Bull Shoaks Lake ## Bull Shoaks Lake ## David D. Tenry Lock and Dam - Ark. Riv. Nav. Sys ## David D. Tenry Lake ## Milwood Lake ## Nimroct Lake ## Norrick Lake ## Norrick Lake ## Norrick Lake ## Norrick and Dam - Ark. Riv. Nav. Sys ## Norrick Lake ## Table Rock Lake Oran Ark. Riv. Nav. Sys ## Table Rock Lake Carnand L. & D-Ark. Riv. Nav. Sys ## Table Rock Lake ## Table Rock Lake ## Table Rock Lake ## Carnon Lake ## Carnon Lake ## Carnon Lake ## Table Rock Lake ## Table Rock Lake ## Table Rock Lake ## Table Rock Lake ## Carnon Lake ## Coopen Lake ## Carnon Lake ## Carno	DIVISION	DISTRICT	Project	Direct	Indirect	Induced	Total
Action of the Reservoir 61.90 4.26 13.59 Action of the Reservoir	SWD (cont)	Galveston	Barker Dam	150.76	12.38	39.47	202.61
# Blackvel Lake 68.22 3.77 11.59 # Blue Mountain Lake 68.22 3.77 11.59 # Blue Mountain Lake 18.45			Wallisville Reservoir	51.90	4.26	13.59	69.75
# Blue Mountlain Lake		Little Rock		844.57	99.96	244.56	1185.80
## Bull Shoals Lake Clearwater Lake 137.43 11.29 35.98 Clearwater Lake 137.43 11.29 35.98 Endrandel Lake 25.77 52.43 161.63 Endrandel Lake 25.86 173.69 Dequeen Lake 24.09 24.50 14.36 Dequeen Lake 24.00 19.13 Destroen Lake 24.00 19.13 Clears Ferry Lake 25.70 21.11 67.30 Milwood Lake 25.70 21.11 67.30 Milwood Lake 25.70 21.10 6.58 19.26 Morfolk Lake 25.70 21.10 6.58 19.26 Morfolk Lake 25.70 21.10 21.10 3.51 Ozark Lake - AKRIN Nav.Sys 179.20 14.72 46.92 Pool 3 Lock and Dam - AKRIN Nav.Sys 179.20 14.72 46.92 Pool 5 Lock and Dam - AKRIN Nav.Sys 169.36 5.66 19.26 Table Rock Lake 25.70 22.56 22.56 22.56 Table Rock Lake 27.70 27.49 22.56 22.56 Fight Lake 27.70 27.71 27.51 Milbur D. Mills Lock and Dam-AK-Riv Nav.Sys 168.36 5.66 18.05 Birch Lake 27.70 27.49 22.57 71.96 Birch Lake 27.70 27.49 22.57 71.96 Cohouteal Lock and Dam-AK-Riv Nav.Sys 168.36 5.66 18.05 Cohouteal Lake 27.49 22.57 71.96 Cohouteal Lake 27.49 27.49 27.50 27.50 Cohouteal Lake 27.70 27.50 27.50 27.50 27.50 Cohouteal Lake 27.70 27.50 27				68.22	3.77	11.99	83.98
# Deducent Lake # David D. Terry Lock and Dam - Ark Riv Nav Sys # David D. Terry Lock and Dam - Ark Riv Nav Sys # David D. Terry Lock and Dam - Ark Riv Nav Sys # Dierrks Lake Dequcent Lake 73.07 6.00 19.13				2184.75	193.96	898.71	3277.41
# Dardanelle Lake - Ark Riv Nav Sys			- 1	137.43	11.29	35.98	184.70
# David D. Terry Lock and Dam - Afr Riv Nav. Sys Body Clark David D. Terry Lock and Dam - Afr Riv Nav. Sys Gillham Lake				675.77	52.43	161.63	889.83
Dequeen Lake 73.07 6.00 19.13 Dierks Lake 54.85 4.50 14.36 Gillham Lake 54.85 4.50 14.36 Gillham Paul Hammerschmidt Lake 257.07 21.11 67.30 John Paul Hammerschmidt Lake 257.07 21.11 67.30 # Milwood Lake 257.07 21.11 67.30 # Milwood Lake 257.07 21.11 67.30 # Milwood Lake 256.07 22.667 28.95 64.60 # Nimrol Lake 684.06 51.45 275.16 Norrell Lock and Dam - Ark.Riv.Nav.Sys 22.667 28.95 64.60 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 24.68 2.03 6.46 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 179.20 14.72 46.92 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 68.96 5.66 14.42 Rocketeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 163.36 5.26 52.56 Fool 5 Lock and Dam - Ark.Riv.Nav.Sys 163.36 5.66 14.42 Rocketeller Lake				410.92	52.56	123.69	587.17
Dierks Lake 54.85 4.50 14.36 Gilhann Lake 42.02 3.45 11.00 # Greers Ferry Lake 193.07 146.20 579.38 John Paul Harmerschmidt Lake 257.07 21.11 67.30 # Millwood Lake 210.09 17.61 55.96 # Millwood Lake 226.67 28.95 64.60 # Norrial Lock and Dam - Ark Riv. Nav. Sys 132.40 6.58 19.26 # Norrial Lock and Dam - Ark Riv. Nav. Sys 133.42 1.10 3.51 Ozark Lake - Ark. Riv. Nav. Sys 179.02 14.72 46.92 Pool 3 Lock and Dam - Ark Riv. Nav. Sys 55.07 4.52 14.42 Rock Feliler Lake - Ormand L & D-Ark. Riv. Nav. Sys 55.07 4.52 14.42 Rock Suck Early Lock and Dam - Ark Riv. Nav. Sys 56.07 4.52 14.42 Rock Suck Early Lock and Dam - Ark. Riv. Nav. Sys 68.46 5.00 15.93 # Table Rock Lake Toad Suck Early Lock and Dam - Ark. Riv. Nav. Sys 137.34 11.28 35.96 Wilbut D. Millis Lock and Dam - Ark. Riv. Nav. Sys </td <td></td> <td></td> <td>Dequeen Lake</td> <td>73.07</td> <td>9.00</td> <td>19.13</td> <td>98.20</td>			Dequeen Lake	73.07	9.00	19.13	98.20
# Glillham Lake 42.02 3.45 11.00 # Of Detas Ferry Lake 1931.03 146.20 579.38 John Paul Hammerschmidt Lake 257.07 21.11 679.38 # Millwood Lake 27.09 17.61 65.86 64.60 # Millwood Lake 132.40 6.58 19.26 # Norfork Lake 132.40 6.58 19.26 # Norfork Lake 684.06 51.45 275.16 Norfork Lake 13.42 1.10 3.51 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 13.42 1.10 3.51 Pool 4 Lock and Dam - Ark.Riv.Nav.Sys 24.68 2.03 64.60 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 179.20 14.72 46.92 Rockefeller Lake - Ormand Lake 1657.04 162.25 55.66 16.33 Rockefeller Lake - Ormand Lake 13.34 11.28 35.96 17.98 Wilbur D. Millis Lock and Dam-Ark.Riv.Nav.Sys 60.84 5.00 15.93 # Table Rock Lake 13.64 13.25 71.98			Dierks Lake	54.85	4.50	14.36	73.71
# Greers Ferry Lake John Paul Hammerschmidt Lake John Paul Hammerschmidt Lake John Paul Hammerschmidt Lake # Milwood Lake # Milwood Lake # Milwood Lake # Norfork Lake # Norfork Lake Norrell Lock and Dam - Ark.Riv.Nav.Sys Pool 3 Lock and Dam - Ark.Riv.Nav.Sys Pool 4 Lock and Dam - Ark.Riv.Nav.Sys Pool 5 Lock and Dam - Ark.Riv.Nav.Sys Pool 5 Lock and Dam - Ark.Riv.Nav.Sys Pool 5 Lock and Dam - Ark.Riv.Nav.Sys Rocketeller Lake-Ormand L & D-Ark.Riv.Nav.Sys Pool 5 Lock and Dam - Ark.Riv.Nav.Sys Rocketeller Lake-Ormand L & D-Ark.Riv.Nav.Sys Rocketeller L & Rocketeller & Rocketeller L & Rocketeller & Rocketeller & Rocketeller & Rocketeller &			Gillham Lake	42.02	3.45	11.00	56.47
# Millwood Lake # Millwood Lake # Millwood Lake # Norder Lake # Norder Lake 132,40 17,61 55,96 # Norder Lake 132,40 6,58 64,60 # Norder Lake 132,40 6,58 19,26 # Norder Lake 684,06 51,45 275,16 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 139,02 11,42 36,40 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 139,02 14,72 46,92 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 179,20 14,72 46,92 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 179,20 14,72 46,92 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 160,84 5,00 28,37 # Table Rock Lake 165,704 162,25 525,66 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 108,36 8,90 28,37 # Table Rock Lake 34,87 2,86 9,13 Brich Lake 34,87 2,57 13,88 # Canton Lake 274,91 22,57 77,98 # Canton Lake 274,91 22,57 77,98 Copan Lake 21,84 1,78 5,66 Council Grove 20,000 20,33 26,55 Council Grove 20,000 20,33 26,55 Council Grove 20,000 20,33 26,55 # Council Grove 20,000 20,33 26,55 # Council Grove 20,000 20,33 26,55 # Millow Down Lake 20,000 20,33 26,55 # Council Grove 20,000 20,33 26,55 # Council Grove 20,000 20,33 26,55 # Millow Down Lake 20,000 20,33 26,55 # Millow Down Lake 20,000 20,300 20,300 # Millow Down Lake 20,000 20,300				1931.03	146.20	579.38	2656.60
# Millwood Lake 210.09 17.61 55.96 # Murrach Lock and Dam - Ark.Riv.Nav.Sys 226.67 28.95 64.60 # Nimrod Lake 132.40 6.58 19.26 # Norfork Lake Ark.Riv.Nav.Sys 13.42 1.10 3.51 Norell Lock and Dam - Ark.Riv.Nav.Sys 24.68 2.03 6.46 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 179.20 14.72 46.92 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 179.20 14.22 46.92 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 150.70 4.52 14.42 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 165.704 162.25 525.66 Toad Suck Ferry Lock and Dam -Ark.Riv.Nav.Sys 187.34 11.28 35.96 Wilbur D. Mills Lock and Dam -Ark.Riv.Nav.Sys 183.65 2.86 18.05 Birch Lake Toad Suck Ferry Lock and Dam -Ark.Riv.Nav.Sys 165.704 2.86 13.96 Arcadia Lake Birch Lake 274.91 2.2.57 17.98 Broken Bow Lake Canton Lake 274.91 2.55.71 4.91.2			John Paul Hammerschmidt Lake	257.07	21.11	67.30	345.48
## Murray Lock and Dam - Ark Riv. Nav. Sys 226.67 28.95 64.60 # Nimrod Lake 1122.40 6.58 19.26 # Norfork Lake 684.06 51.45 275.16 # Norfork Lake 13.24 1.10 3.51 Ozark Lake - Ark Riv. Nav. Sys 24.68 2.03 6.46 Pool 3 Lock and Dam - Ark Riv. Nav. Sys 179.20 14.72 46.92 Pool 5 Lock and Dam - Ark Riv. Nav. Sys 55.07 4.52 14.42 Pool 5 Lock and Dam - Ark Riv. Nav. Sys 55.07 4.52 14.42 Rockefeller Lake-Ormand L & D-Ark Riv. Nav. Sys 60.84 5.00 15.93 # Table Rock Lake 150.04 162.25 525.66 Wilbur D. Mills Lock and Dam-Ark Riv. Nav. Sys 187.34 11.28 35.96 Wilbur D. Mills Lock and Dam-Ark Riv. Nav. Sys 188.96 5.66 18.05 Broken Bow Lake 274.91 22.57 77.198 Cohouteau Lock and Dam 17 52.97 4.35 13.87 Copan Lake 21.04 1.78 5.66				210.09	17.61	55.96	283.66
# Nimrod Lake 132.40 6.58 19.26 # Norfork Lake 684.06 51.45 275.16 Ozark Lake - Afk.Riv.Nav.Sys 13.42 1.10 3.51 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 139.02 11.42 36.40 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 179.20 14.72 46.92 Pool 4 Lock and Dam - Ark.Riv.Nav.Sys 55.07 4.52 14.42 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 1657.04 162.25 525.66 Table Rock Lake 1657.04 162.25 525.66 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 108.36 8.90 28.37 Arcadia Lake 68.96 5.66 18.05 Birch Lake 9.13 Broken Bow Lake 274.91 22.57 71.98 Table Rock and Dam Ark.Riv.Nav.Sys 108.36 5.66 9.13 Chouteau Lock and Dam 17 52.97 4.35 13.87 5.66 5.66 5.66 Copan Lake 21.64 1.78 5.66 5.66 5.66 5.66			٠.	226.67	28.95	64.60	320.22
# Norfork Lake 684,06 51,45 275.16 Norrell Lock and Dam - Ark.Riv.Nav.Sys 13,42 1.10 3.51 Ozark Lake - Ark.Riv.Nav.Sys 24,68 2.03 6,46 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 179,20 14,72 46,92 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 55,07 4,52 14,42 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 60,84 5.00 15,93 # Table Rock Lake 1657,04 162.25 525.66 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 137,34 11,28 35,96 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 108,36 8,90 28,37 Aradia Lake 819ch Lake 68,96 5,66 18,05 Broken Bow Lake 274,91 22,57 71,98 # Canton Lake 274,91 26,17 49,12 Copan Lake 21,64 1,78 5,66 Copan Lake 21,64 1,78 5,66 Council Grove 50,07 4,35 13,87				132.40	6.58	19.26	158.24
Norrell Lock and Dam - Ark.Riv.Nav.Sys 13,42 1.10 3.51 Cozark Lake - Ark.Riv.Nav.Sys 139,02 11.42 36.40 Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 24.68 2.03 6.46 Pool 4 Lock and Dam - Ark.Riv.Nav.Sys 179,20 14.72 46.92 Rock efeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 60.84 5.00 15.93 # Table Rock Lake 1657.04 162.25 525.66 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 108.36 8.90 28.37 Wilbur D. Millis Lock and Dam-Ark.Riv.Nav.Sys 68.96 5.66 18.05 Birch Lake 33.67 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 326.14 26.17 49.12 Copan Lake 21.64 1.78 5.66 Copan Lake 21.64 1.78 <				684.06	51.45	275.16	1010.66
Ozark Lake - Ark. Riv. Nav. Sys 139.02 11.42 36.40 Pool 3 Lock and Dam - Ark. Riv. Nav. Sys 24.68 2.03 6.46 Pool 4 Lock and Dam - Ark. Riv. Nav. Sys 179.20 14.72 46.92 Rockefeller Lake-Ormand L & D-Ark. Riv. Nav. Sys 60.84 5.00 15.93 # Table Rock Lake 165.704 162.25 525.66 Toad Suck Ferry Lock and Dam-Ark. Riv. Nav. Sys 108.36 8.90 28.37 Wilbur D. Mills Lock and Dam-Ark. Riv. Nav. Sys 108.36 8.90 28.37 Arcadia Lake 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 274.91 22.57 13.87 Copan Lake 21.64 1.78 5.66 Copan Lake 21.64 1.78 5.65			Norrell Lock and Dam - Ark.Riv.Nav.Sys	13.42	1.10	3.51	18.04
Pool 3 Lock and Dam - Ark.Riv.Nav.Sys 24.68 2.03 6.46 Pool 4 Lock and Dam - Ark.Riv.Nav.Sys 179.20 14.72 46.92 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 60.84 5.00 15.93 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 1657.04 162.25 525.66 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 137.34 11.28 35.96 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 108.36 8.90 28.37 Arcadia Lake 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 Chouteau Lock and Dam 17 52.97 4.35 13.87 Chouncil Grove 21.64 1.78 5.66 Council Grove 101.41 8.33 26.55			Ozark Lake - Ark.Riv.Nav.Sys	139.02	11.42	36.40	186.83
Pool 4 Lock and Dam - Ark.Riv.Nav.Sys 179.20 14.72 46.92 Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 60.84 5.00 15.93 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 1657.04 162.25 525.66 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 137.34 11.28 35.96 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 108.36 8.90 28.37 Arcadia Lake 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 326.14 26.17 49.12 Copan Lake 21.64 1.78 5.66 Council Grove 21.64 1.78 5.66			Pool 3 Lock and Dam - Ark.Riv.Nav.Sys	24.68	2.03	6.46	33.17
Pool 5 Lock and Dam - Ark.Riv.Nav.Sys 55.07 4.52 14.42 Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 60.84 5.00 15.93 # Table Rock Lake 1657.04 162.25 525.66 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 137.34 11.28 35.96 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 326.14 26.17 49.12 Chouteau Lock and Dam 17 52.97 4.35 13.87 Copan Lake 21.64 1.78 5.66 Council Grove 21.64 1.78 5.65			Pool 4 Lock and Dam - Ark.Riv.Nav.Sys	179.20	14.72	46.92	240.84
Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys 60.84 5.00 15.93 # Table Rock Lake 1657.04 162.25 525.66 Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 137.34 11.28 35.96 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 108.36 8.90 28.37 Arcadia Lake 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 326.14 26.17 49.12 Copan Lake 21.64 1.78 5.66 Council Grove 21.64 1.78 5.66			Pool 5 Lock and Dam - Ark.Riv.Nav.Sys	55.07	4.52	14.42	74.01
# Table Rock Lake 1657.04 162.25 525.66 Toad Suck Ferry Lock and Dam-Ark. Riv. Nav. Sys 137.34 11.28 35.96 Wilbur D. Mills Lock and Dam-Ark. Riv. Nav. Sys 108.36 8.90 28.37 Arcadia Lake 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 326.14 26.17 49.12 Copan Lake 21.64 1.78 5.66 Council Grove 21.64 1.78 5.66			Rockefeller Lake-Ormand L & D-Ark.Riv.Nav.Sys	60.84	5.00	15.93	81.76
Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys 137.34 11.28 35.96 Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 108.36 8.90 28.37 Arcadia Lake 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 326.14 26.17 49.12 Copan Lake 21.64 1.78 5.66 Council Grove 101.41 8.33 26.55			l	1657.04	162.25	525.66	2344.95
Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys 108.36 8.90 28.37 Arcadia Lake 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 326.14 26.17 49.12 Chouteau Lock and Dam 17 52.97 4.35 13.87 Copan Lake 21.64 1.78 5.66 Council Grove 101.41 8.33 26.55			Toad Suck Ferry Lock and Dam-Ark.Riv.Nav.Sys	137.34	11.28	35.96	184.57
Arcadia Lake 68.96 5.66 18.05 Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 # Canton Lake 326.14 26.17 49.12 Chouteau Lock and Dam 17 52.97 4.35 13.87 Copan Lake 21.64 1.78 5.66 Council Grove 101.41 8.33 26.55			Wilbur D. Mills Lock and Dam-Ark.Riv.Nav.Sys	108.36	8.90	28.37	145.63
Birch Lake 34.87 2.86 9.13 Broken Bow Lake 274.91 22.57 71.98 Canton Lake 326.14 26.17 49.12 Chouteau Lock and Dam 17 52.97 4.35 13.87 Copan Lake 21.64 1.78 5.66 Council Grove 101.41 8.33 26.55		Tulsa	Arcadia Lake	96.89	5.66	18.05	92.67
Broken Bow Lake 274.91 22.57 71.98 Canton Lake 326.14 26.17 49.12 Chouteau Lock and Dam 17 52.97 4.35 13.87 Copan Lake 21.64 1.78 5.66 Council Grove 101.41 8.33 26.55			Birch Lake	34.87	2.86	9.13	46.86
Canton Lake 326.14 26.17 49.12 Chouteau Lock and Dam 17 52.97 4.35 13.87 Copan Lake 21.64 1.78 5.66 Council Grove 101.41 8.33 26.55				274.91	22.57	71.98	369.46
52.97 4.35 13.87 21.64 1.78 5.66 101.41 8.33 26.55			ı	326.14	26.17	49.12	401.42
21.64 1.78 5.66 101.41 8.33 26.55			Chouteau Lock and Dam 17	52.97	4.35	13.87	71.18
101.41 8.33 26.55			Copan Lake	21.64	1.78	5.66	29.08
(Sheet 13 of 14)			Council Grove	101.41	8.33	26.55	136.29
							(Sheet 13 of 1

SWD (cont) Tulsa (cont) Eli Dorado Lake Elk City Lake # Eufaula Lake Fall River Lake Fort Supply Lake Great Salt Plains Heyburn Lake Hugh Lake Hugh Lake John Redmond Reservoir Kaw Lake Marion Reservoir Newt Graham Lock and Dam 18 # Oologah Lake Optima Lake Part Mayse Lake Pat Mayse Lake Robert S. Kerr, Lock and Dam 15 Sardis Lake Truscott Brine Lake, Area VIII Waurika Lake Truscott Brine Lake, Area VIII Waurika Lake Webbers Falls Lock and Dam 16 Webbers Falls Lock and Dam 16 Wister Lake					
Elk City Lake # Eufaula Lake Fall River Lake # Fort Gibson Lal Great Salt Plair Heyburn Lake Hugo Lake Hugo Lake Hugo Lake Hugo Lake Hugo Lake Optima Lake Sawt Carbarn I # Cologah Lake Dat Marion Reserv Newt Graham I # Cologah Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lal Robert S. Kerr, Sardis Lake Skiatook Lake From Lake Dat Mayse Lak From Creek Lak Robert S. Kerr, Waurika Lake Truscott Brine Waurika Lake Waurika Lake Waurika Lake Wabbers Falls Webbers Falls	roject	Direct	Job Effect	Job Effects (Number of Jobs)	Total
Elk City Lake # Eufaula Lake Fall River Lake # Fort Gibson Lal Great Salt Plair Heyburn Lake Hugo Lake Hugo Lake Hugo Lake Hugo Lake Hugo Lake Optima Lake Pat Marion Reserv Newt Graham I # Cologah Lake Optima Lake Pat Mayse Lak Robert S. Kerr, Sardis Lake Skiatook Lake From Lake Pat Mayse Lak Robert S. Kerr, Sardis Lake Skiatook Lake Waurika Lake Tronto Lake Truscott Brine Waurika Lake Waurika Lake Waurika Lake Wabbers Falls Webbers Falls	7. Demode alco	308 96	17 16	54 71	280.83
Eufaula Lake Fall River Lake Fall River Lake Fort Gibson Lal Fort Supply Lak Great Salt Plair Hugo Lake Hugo Lake Hugo Lake Hugo Lake Marion Reserv Keystone Lake Marion Reserv Newt Graham I Oologah Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lak Robert S. Kerr Sardis Lake Skiatook Lake Tenkiller Ferry Truscott Brine Wad Mayo Look Webbers Falls Wister Lake	El Dolado Lake	39.77	3.27	10.41	53.45
Fort Supply Lak Fort Supply Lak Great Salt Plair Heyburn Lake Hugo Lake Hulah Lake John Redmond Kaw Lake Newt Graham I Oologah Lake Optima Lake Pat Mayse Lak Pat Mayse Lak Robert S. Kerr, Sardis Lake Skiatook Lake Truscott Brine Waurika Lake Willer Ferry Truscott Brine Waurika Lake Willer Ferry Waurika Lake Willer Ferry Webbers Falls	Ein Oily Land	711.65	62.83	162.62	937.10
Fort Gibson Lah Fort Supply Lah Great Salt Plair Heyburn Lake Hugo Lake Hulah Lake John Redmond Kaw Lake John Reserve Marion Reserve Newt Graham I Oologah Lake Optima Lake Optima Lake Pat Mayse Lak Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Teronto Lake Toronto Lake Toronto Lake Waurika Lake Wad Mayo Look Webbers Falls	Fall River Lake	42.40	3.48	11.10	56.99
Fort Supply Lak Great Salt Plair Heyburn Lake Hugo Lake Hulah Lake John Redmond Kaw Lake Keystone Lake Marion Reserv Newt Graham I Oologah Lake Optima Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lal Robert S. Kerr, Sardis Lake Sardis Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Lock Webbers Falls	Fort Gibson Lake	681.59	48.08	196.68	926.35
Great Salt Plair Heyburn Lake Hugo Lake Hulah Lake John Redmond Kaw Lake Keystone Lake Marion Reserv Newt Graham I Oologah Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lak Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Waurika Lake Waurika Lake Wawebbers Falls	Fort Supply Lake	74.03	80.9	19.38	99.49
Heyburn Lake Hugo Lake Hugo Lake Hulah Lake John Redmond Kaw Lake Keystone Lake Marion Reserv Newt Graham I Oologah Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lak Robert S. Kerr Sardis Lake Skiatook Lake Tervoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Waurika Lake Waurika Lake Wawebbers Falls	Great Salt Plains	87.58	7.19	22.93	117.71
Hugo Lake Huiah Lake John Redmond Kaw Lake Keystone Lake Marion Reserv Newt Graham I Oologah Lake Optima Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lak Robert S. Kerr, Sardis Lake Skiatook Lake Texoma Lake Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Look Webbers Falls	Heyburn Lake	38.74	3.18	10.14	52.07
Hulah Lake John Redmond Kaw Lake Keystone Lake Keystone Lake Marion Reserve Newt Graham I Oologah Lake Optima Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lah Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Teroma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Look Webbers Falls	Hugo Lake	101.26	8.32	26.51	136.09
John Redmond Kaw Lake Keystone Lake Marion Reserve Newt Graham I Oologah Lake Optima Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lah Robert S. Kerr, Sardis Lake Sardis Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Lock Webbers Falls	Hulah Lake	32.15	2.64	. 8.42	43.20
Kaw Lake Keystone Lake Marion Reserv Newt Graham I Oologah Lake Optima Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lal Robert S. Kerr, Sardis Lake Sardis Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Lock Webbers Falls	E	59.46	4.88	15.57	79.91
Keystone Lake Marion Reserve Newt Graham I Oologah Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lal Robert S. Kerr, Sardis Lake Sardis Lake Terxiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Waurika Lake Waurika Lake Webbers Falls		51.07	4.19	13.37	68.63
Marion Reserve Newt Graham I Oologah Lake Ooptima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lah Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Turscott Brine Waurika Lake Wd Mayo Lock Webbers Falls		391.45	46.73	108.79	546.97
Newt Graham I Oologah Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lah Robert S. Kerr, Sardis Lake Skiatook Lake Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Waurika Lake Wawika Lake	Marion Reservoir	141.70	11.64	37.10	190.44
Oologah Lake Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lak Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Look Webbers Falls	Newt Graham Lock and Dam 18	55.38	4.55	14.50	74.43
Optima Lake Pat Mayse Lak Pearson-Skubi Pine Creek Lal Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Look Webbers Falls	1	363.28	43.65	99.73	506.67
Pat Mayse Lak Pearson-Skubi Pine Creek Lal Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Lock Webbers Falls	Optima Lake	9.49	0.78	2.49	12.76
Pearson-Skubi Pine Creek Lah Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Turscott Brine Waurika Lake Wd Mayo Lock Webbers Falls	Pat Mayse Lake	84.96	96.9	22.24	114.18
Pine Creek Lah Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Lock Webbers Falls	Pearson-Skubitz Big Hill Lake	52.64	4.32	13.78	70.75
Robert S. Kerr, Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Toronto Lake Toronto Lake Waurika Lake Wd Mayo Lock Webbers Falls	Pine Creek Lake	65.77	5.40	17.22	88.39
Sardis Lake Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Truscott Brine I Waurika Lake Wd Mayo Lock Webbers Falls	Robert S. Kerr, Lock and Dam 15	259.19	21.28	67.86	348.34
Skiatook Lake Tenkiller Ferry Texoma Lake Toronto Lake Truscott Brine I Waurika Lake Wd Mayo Lock Webbers Falls	Sardis Lake	87.85	7.21	23.00	118.07
Tenkiller Ferry Texoma Lake Toronto Lake Truscott Brine I Waurika Lake Wd Mayo Lock Webbers Falls	Skiatook Lake	174.36	14.32	45.65	234.33
Texoma Lake Toronto Lake Truscott Brine I Waurika Lake Wd Mayo Lock Webbers Falls	Tenkiller Ferry	403.38	40.29	105.17	548.85
Toronto Lake Truscott Brine I Waurika Lake Wd Mayo Lock Webbers Falls Wister Lake		1934.93	179.38	652.68	2767.00
Truscott Brine I Waurika Lake Wd Mayo Lock Webbers Falls Wister Lake	Toronto Lake	46.23	3.80	12.10	62.13
Waurika Lake Wd Mayo Lock Webbers Falls Wister Lake	Truscott Brine Lake, Area VIII	2.31	0.19	09:0	3.10
Wd Mayo Lock Webbers Falls Wister Lake	Waurika Lake	147.88	12.14	38.72	198.74
Webbers Falls Wister Lake		32.24	2.65	8.44	43.32
Wister Lake	₽	145.82	11.97	38.18	195.97
	Wister Lake	124.37	10.21	32.56	167.14
Total	otal	123,380	10,217	32,762	166,358
Average	Nerage	270.57	22.40	71.85	364.82
					(Sheet 14 of 14)

Table E5											
Econom	Economic Multipliers for Regions Surr	r Regions Surrounding 108 CE Projects ¹ (Continued)	cts¹ (Co	ntinue	d)						
:			Capture	Sa	Sales		Income			Jobs	
Division	District	Project	Rate ²	Type I	Type III	Direct	Type I	Type III	Direct	Type I	Type III
LRD	Huntington	Alum Creek Lake	%99	1.22	1.66	0.59	0.70	0.95	28.74	31.67	38.21
		Bluestone Lake	63%	1.17	1.81	0.51	09.0	0.94	33.23	35.60	47.15
		Deer Creek Lake	%99	1.21	1.62	0.59	0.71	0.93	28.42	31.32	37.37
		Senecaville Lake	%99	1.14	1.59	0.53	0.59	0.83	33.19	35.15	43.31
	i	Summersville Lake	%09	1.11	1.59	0.50	0.56	0.83	35.81	37.65	47.95
	Louisville	Barren River Lake	64%	1.19	1.68	0.51	09.0	98.0	34.96	38.25	47.57
		Cecil M. Harden Lake	64%	1.15	1.59	0.52	09.0	0.84	35.59	37.92	46.20
		Monroe Lake	62%	1.17	1.57	0.52	09.0	0.82	34.13	36.62	44.15
		Nolin River Lake	%89	1.19	1.60	0.50	09.0	0.81	35.79	38.93	46.83
		Rough River Lake	62%	1.17	1.56	0.48	0.57	0.77	37.65	40.20	47.66
		William H Harsha Lake	%89	1.24	1.78	0.59	0.72	1.03	27.72	30.95	39.25
	Nashville	Barkley Lock and Dam Lake Barkley	%59	1.20	1.79	0.49	09.0	0.92	33.51	36.39	47.17
		Center Hill Lake	61%	1.16	1.59	0.49	0.57	08.0	31.14	33.53	41.43
		Cheatham Lock and Dam	%69	1.25	1.82	0.54	0.68	1.00	26.11	29.55	38.28
		Cordell Hull Dam and Reservoir	61%	1.15	1.59	0.50	0.58	0.81	30.96	33.41	41.21
*****		Dale Hollow Lake	64%	1.15	1.52	0.49	0.56	0.75	32.95	35.28	42.41
		J Percy Priest Dam and Reservoir	%69	1.25	1.88	0.54	0.68	1.02	26.21	29.64	39.28
		Laurel River Lake	72%	1.16	1.63	0.49	0.57	0.82	32.24	34.74	43.98
		Wolf Creek Dam Lake Cumberland	%89	1.15	1.58	0.47	0.53	0.75	33.14	35.67	44.60
	Pittsburgh	Shenango River Lake	%29	1.19	1.85	0.52	0.61	96.0	34.65	37.32	48.54
MVD	Rock Island	Saylorville Lake	%29	1.28	1.99	0.55	0.71	1.11	31.83	35.84	47.68
	St. Louis	Carlyle Lake	93%	1.13	1.51	0.46	0.52	0.72	34.99	36.75	44.03
		Clarence Cannon Dam and Mark Twain Lake	62%	1.21	1.74	0.50	09.0	0.88	36.41	39.30	49.38
		Lake Shelbyville	63%	1.16	1.51	0.49	0.57	0.76	31.85	33.85	40.20
		Rend Lake	%29	1.14	1.49	0.46	0.54	0.72	30.96	32.88	39.46
		Wappapello Lake	63%	1.17	1.67	0.50	0.58	0.84	36.19	38.75	48.54
										(She	(Sheet 1 of 4)

Region defined as all counties within 30-mile radius of the project. Multipliers were originally computed by Becker (1997) using IMPLAN DOS version 91-F with 1990 database. All Type III multipliers were modified downward to adjust the induced effects bias and price-adjusted to reflect current year value based on the approaches used in the 1996 regional impact report (Propst et al. 1998).

² Capture rate is the percentage of visitor spending captured as direct sales within the region.

³ Income per dollar of direct sales. Income includes employee compensation and proprietor and other property income.

⁴ Jobs per million dollars in direct sales. Includes full-time and part-time jobs.

Notes: LRD = Great Lakes and Ohio River; MVD = Mississippi Valley; NAD = North Atlantic; NWD = Northwestern; POD = Pacific Ocean; SAD = South Atlantic; SPD = South Pacific, SWD = Southwestern

Table E5	Table E5 (Continued)								İ		
			Capture	Sa	Sales		Income			s	
Division	District	Project		Type I	Type III	Direct	Type I	Type III	Direct		Type III
MVD (cont)	Vicksburg	Arkabutla Lake	64%	1.09	1.50	0.54	0.58	0.79	30.25	31.50	39.27
•		Degray Lake		1.16	1.60	0.49	0.57	0.80	36.26	38.76	47.90
		Grenada Lake	62%	1.12	1.44	0.47	0.52	69.0	35.12	36.67	43.07
		Lake Ouachita	63%	1.17	1.80	0.53	0.62	96.0	35.40	38.24	50.59
		Sardis Lake		1.12	1.49	0.47	0.52	0.72	36.18	37.71	44.92
NAD	Baltimore	Raystown Lake	63%	1.15	1.65	0.54	0.61	0.89	35.93	38.25	46.90
	Philadelphia	Blue Marsh Lake	%59	1.18	1.69	0.57	99.0	0.94	30.66	32.97	40.74
DWN	Kansas City	Harry S Truman Dam and Reservoir	93%	1.21	1.73	0.47	0.57	0.84	36.98	39.97	49.60
	•	Milford Lake	%89	1.23	1.69	0.44	0.55	0.80	38.52	42.14	51.12
		Pomme De Terre Lake	%09	1.17	1.77	0.43	0.52	0.83	44.94	47.59	59.43
		Rathbun Lake	61%	1.19	1.74	0.50	0.59	0.89	36.51	39.31	49.76
		Smithville Lake	%29	1.22	1.95	0.54	0.67	1.07	31.54	34.82	46.76
		Stockton Lake	%02	1.25	1.88	0.54	99.0	1.01	31.61	35.27	46.31
	Omaha	Big Bend Dam Lake Sharpe	62%	1.19	1.77	0.50	0.59	0.92	37.43	40.48	51.65
		Chaffield Lake	71%	1.22	1.74	0.54	0.67	0.97	24.71	27.81	35.81
		Cherry Creek Lake	71%	1.22	1.74	0.54	0.67	26.0	24.71	27.81	35.81
		Gavins Point Project	83%	1.23	1.37	0.49	0.59	99.0	38.73	42.30	46.60
		Oahe Dam Lake Oahe	78%	1.22	1.87	0.47	0.58	0.93	31.41	34.51	46.60
	Portland	Bonneville Lock and Dam	71%	1.24	1.72	0.59	0.72	1.00	28.70	31.94	39.50
-		John Day Lock and Dam, Lake Umatilla	26%	1.11	1.37	0.46	0.51	99.0	37.36	39.02	44.26
		The Dalles Lock and Dam, Lake Celilo	62%	1.15	1.57	0.57	0.65	98.0	35.04	37.23	45.27
	Walla Walla	Dworshak Dam & Reservoir	21%	1.10	1.37	0.53	0.58	0.74	38.42	40.49	46.81
		Lower Granite Lock & Dam	62%	1.17	1.71	0.49	0.58	0.89	39.18	41.95	53.05
		McNary Lock & Dam, Lake Wallula	61%	1.17	1.60	0.51	0.60	0.84	33.81	36.41	44.41
SAD	Mobile	Alabama River Lakes Dannelly	62%	1.15	1.46	0.47	0.54	0.70	32.99	35.12	41.41
		Alabama River Lakes Woodruff	%99	1.20	1.56	0.51	0.62	0.81	29.51	32.48	38.98
		Allatoona Lake	%29	1.21	1.56	0.59	0.70	0.91	25.07	27.57	32.75
		Lake Seminole	62%	1.15	1.53	0.49	0.56	0.76	32.78	34.94	42.14
		Lake Sidney Lanier	%29	1.20	1.74	0.58	69.0	66.0	26.25	28.84	37.23
		Walter F. George Lake	29%	1.16	1.53	0.48	0.56	0.76	33.12	35.45	43.17
-		West Point Project	64%	1.17	1.62	0.53	0.61	98.0	29.67	32.20	40.24
	Savannah	Hartwell Lake	%29	1.20	1.67	0.52	0.63	0.89	30.05	32.91	40.97
		J. Strom Thurmond Lake	64%	1.19	1.64	0.52	0.62	0.86	32.02	34.84	42.76
										(She	(Sheet 2 of 4)

Table E5	Table E5 (Continued)										
			Capture	Sa	Sales		Income			Sqof	
	District	Project	Rate	Type I	Type III	Direct	Type I	Type III	Direct	Type I	Type III
SAD (cont)	Wilmington	B Everett Jordan Dam and Lake	. %59	1.13	1.49	0.55	0.62	0.82	29.52	30.94	36.92
		Falls Lake	64%	1.13	1.48	0.56	0.62	0.82	29.41	30.78	36.49
		John H Kerr Dam and Reservoir	%09	1.15	1.64	0.49	0.56	0.82	36.64	38.76	47.87
		Philpott Lake	29%	1.12	1.53	0.50	0.56	0.78	36.27	38.66	46.53
		W Kerr Scott Dam and Reservoir	62%	1.11	1.48	0.52	0.57	0.77	33.85	35.32	42.47
SPD	Los Angeles	Hansen Dam	83%	1.25	1.79	0.54	0.68	1.00	19.08	21.79	28.32
		Sepulveda Dam	83%	1.25	1.79	0.54	0.68	1.00	19.08	21.79	28.32
		Whittier Narrows Dam	83%	1.25	1.80	0.54	0.68	1.00	19.05	21.78	28.42
	Sacramento	Black Butte Lake	%69	1.14	1.60	0.51	0.58	0.82	32.22	34.17	41.78
		Eastman Lake		1.09	1.43	0.56	09.0	0.79	26.81	28.18	33.60
		Harry L Englebright Lake	93%	1.18	1.87	0.55	99.0	1.05	29.11	31.82	42.38
		Hensley Lake	%09	1.09	1.43	0.56	09.0	0.79	26.85	28.19	33.56
		Lake Kaweah	%99	1.22	1.64	0.53	0.64	0.87	29.38	32.47	39.01
		New Hogan Lake		1.15	1.74	0.53	0.61	0.95	32.46	34.69	44.42
		Pine Flat Lake		1.24	1.82	0.56	69.0	1.02	27.48	30.72	39.04
		Success Lake	%99	1.22	1.64	0.53	0.64	0.87	29.38	32.47	39.01
	San Francisco	Lake Mendocino		1.18	1.72	0.55	0.65	96.0	30.75	33.46	42.31
SWD	Fort Worth	Belton Lake	62%	1.16	1.58	0.53	0.62	98.0	34.79	37.48	44.69
		Canyon Lake	%02	1.21	1.76	0.56	0.68	66.0	27.11	30.11	38.74
		Ferrells Bridge Dam Lake O' The Pines	%29	1.18	1.72	0.53	0.62	0.92	32.44	35.05	44.61
		Grapevine Lake	%22	1.20	1.62	0.58	69.0	0.94	22.32	24.66	30.39
		Joe Pool Lake	%44	1.20	1.60	0.57	69.0	0.92	22.17	24.50	29.89
		Lavon Lake		1.19	1.54	0.57	99.0	0.88	20.37	22.55	27.14
		Lewisville Lake		1.20	1.66	0.58	69.0	96.0	22.49	24.85	31.00
		Sam Rayburn Reservoir	%09	1.17	1.68	0.51	09.0	0.88	35.14	37.65	46.88
		Somerville Lake	%59	1.17	1.59	0.52	0.61	0.84	32.69	35.07	42.33
		Waco Lake	%29	1.20	1.78	0.54	0.65	0.97	32.55	35.57	45.39
		Whitney Lake		1.18	1.84	0.53	0.62	96.0	32.92	35.63	46.86
		Wright Patman Dam and Lake		1.17	1.72	0.54	0.63	0.93	32.41	35.16	45.08
	Galveston	Addicks Dam	%62	1.19	1.61	0.54	0.65	68.0	22.96	25.19	30.99
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Table E5	Table E5 (Concluded)									ļ	
			Capture	Sa	Sales		Income			Jobs	
Division	District	Project	Rate	Type I	Type III	Direct	Type I	Type III	Direct	Type I	Type III
SWD (cont) Little Rock	Little Rock	Beaver Lake	%59	1.22	1.76	0.51	0.63	0.92	33.77	37.63	47.41
,		Blue Mountain Lake	21%	1.15	1.49	0.45	0.52	0.71	39.23	41.40	48.29
		Bull Shoals Lake	%29	1.18	1.90	0.53	0.62	1.01	33.88	36.88	50.82
		Dardanelle Lake - Ark.Riv.Nav.Sys	63%	1.17	1.59	0.49	0.58	08.0	35.42	38.16	46.64
		David D. Terry Lock and Dam - Ark.Riv.Nav.Sys	%29	1.23	1.77	0.55	0.68	96.0	31.24	35.24	44.65
		Greers Ferry Lake	64%	1.17	1.71	0.50	0.59	0.87	35.03	37.68	48.19
		Millwood Lake	989	1.17	1.65	0.53	0.62	0.88	33.32	36.12	44.99
		Murray Lock and Dam - Ark.Riv.Nav.Sys	%99	1.23	1.74	0.55	0.68	0.97	31.29	35.28	44.20
		Nimrod Lake	53%	1.14	1.46	0.45	0.53	0.71	41.55	43.62	49.66
		Norfork Lake	61%	1.16	1.94	0.48	0.57	0.98	37.65	40.49	55.63
		Table Rock Lake	%99	1.21	1.77	0.52	0.62	0.93	32.37	35.54	45.81
	Tulsa	Canton Lake	29%	1.18	1.50	0.43	0.52	69.0	41.02	44.31	50.49
		Eufaula Lake	%29	1.19	1.62	0.49	0.59	0.82	33.34	36.28	43.90
		Fort Gibson Lake	73%	1.13	1.61	0.55	0.62	68.0	27.35	29.28	37.17
		Keystone Lake	%62	1.22	1.69	0.51	0.63	0.89	25.88	28.97	36.17
		Oologah Lake	%62	1.22	1.69	0.51	0.63	06.0	25.92	29.03	36.15
		Tenkiller Ferry Lake	63%	1.22	1.73	0.48	09.0	0.88	36.12	39.73	49.15
		Texoma Lake	%92	1.17	1.71	0.47	0.56	0.83	27.26	29.78	38.98
		Average	%99	1.18	1.66	0.52	0.61	0.87	31.86	34.48	42.81
										(Sh	(Sheet 4 of 4)

Form Approved REPORT DOCUMENTATION PAGE OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Sulte 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS. 3. DATES COVERED (From - To) 2. REPORT TYPE 1. REPORT DATE (DD-MM-YYYY) Final report December 2003 5a. CONTRACT NUMBER 4. TITLE AND SUBTITLE Recreation Visitor Spending Profiles and Economic Benefit to Corps 5b. GRANT NUMBER of Engineers Projects 5c. PROGRAM ELEMENT NUMBER 5d. PROJECT NUMBER 6. AUTHOR(S) Wen-Huei Chang, Dennis B. Propst, Daniel J. Stynes, R. Scott Jackson 5e. TASK NUMBER 5f. WORK UNIT NUMBER 8. PERFORMING ORGANIZATION REPORT 7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) NUMBER Michigan State University, Department of Park, Recreation and Tourism Resources East Lansing, MI 48824; ERDC/EL TR-03-21 U.S. Army Engineer Research and Development Center Environmental Laboratory 3909 Halls Ferry Road Vicksburg, MS 39180-6199 9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) 10. SPONSOR/MONITOR'S ACRONYM(S) U.S. Army Corps of Engineers Washington, DC 20314-1000 11. SPONSOR/MONITOR'S REPORT NUMBER(S) 12. DISTRIBUTION / AVAILABILITY STATEMENT Approved for public release; distribution is unlimited. 13. SUPPLEMENTARY NOTES 14. ABSTRACT The U.S. Army Corps of Engineers (CE) is the largest federal provider of water-based recreation. It manages over 450 water resource development projects throughout the United States. These lake and river projects provide significant recreation opportunities and benefits to visitors and local residents, accommodating over 385 million person visits in 1999. The purposes of this research are to develop visitor spending profiles and to estimate local and national economic effects of spending by visitors to CE projects. A visitor survey was conducted in the summer of 1999 through early 2000 at 16 CE projects across the nation. The survey was administered by the Engineer Research and Development Center of the U.S. Army Corps of Engineers and the Department of Park, Recreation and Tourism Resources at Michigan State University, with assistance from managers and staff at all 16 participating CE projects. Segmented spending profiles were developed that can be tailored to project-level spending based on regional visitation data. Total recreation visitation was estimated by using information gathered from this study and from the Natural Resource Management System database. Economic effects of CE visitor spending were estimated by applying visitor spending and use data to regional economic multipliers generated from economic input-output models. These results provide a database for further analyses and improvements in future studies like these.

IMPLAN Project 15. SUBJECT TERMS Recreation Lake Corps Visitor spending Multipliers Economic impacts 19a. NAME OF RESPONSIBLE 18. NUMBER 16. SECURITY CLASSIFICATION OF: 17. LIMITATION PERSON **OF PAGES** OF ABSTRACT 19b. TELEPHONE NUMBER (include a. REPORT b. ABSTRACT c. THIS PAGE area code) 117 UNCLASSIFIED UNCLASSIFIED **UNCLASSIFIED**